

Alphabetical List of Licensed Products
Information updated through December 31, 2016

Acellular Pertussis Vaccine Concentrate (For Further Manufacturing Use)

1156 Research Foundation for Microbial Diseases of Osaka University (The)

Adenovirus Type 4 and Type 7 Vaccine, Live, Oral

1804 Teva Women's Health, Inc.

Albumin (Human)

2020 Baxalta US Inc.
0379 Central Laboratory of the Netherlands Red Cross Blood Transfusion Service
1766 CSL Behring AG
1767 CSL Behring LLC
1694 Grifols Biologicals Inc.
1871 Grifols Therapeutics Inc.
1181 Instituto Grifols, S.A.
1851 Kedrion, S.p.A.
1646 Octapharma Pharmazeutika Produktionsges.m.b.H.

Allergen Patch Tests

1056 Hermal Kurt Herrmann

Allogeneic Cultured Keratinocytes and Fibroblasts in Bovine Collagen

1863 Organogenesis, Inc.

Alpha-1-Proteinase Inhibitor (Human)

2020 Baxalta US Inc.
1767 CSL Behring LLC
1871 Grifols Therapeutics Inc.
1826 Kamada Ltd.

Animal Allergens, Standardized Cat Hair

1256 ALK-Abello, Inc.
0103 Allergy Laboratories, Inc.
0467 Allermed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.

1272 Jubilant HollisterStier LLC

Animal Allergens, Standardized Cat Pelt

1256 ALK-Abello, Inc.

1272 Jubilant HollisterStier LLC

Anthrax Immune Globulin Intravenous (Human)

1201 Cangene Corporation

Anthrax Vaccine Adsorbed

1755 Emergent BioDefense Operations Lansing LLC

Anti-Human Globulin

0190 American National Red Cross (The)

1845 Bio-Rad Medical Diagnostics GmbH

1887 Diagnostic Grifols, S.A.

1177 Micro Typing Systems, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Anti-Human Globulin (Formulated for Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH

Anti-Human Globulin (Murine Monoclonal)

0886 Immucor, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Anti-Human Globulin (Murine Monoclonal) (For Further Manufacturing Use)

1761 Millipore (UK) Ltd.

Anti-Human Globulin (Rabbit/Murine Monoclonal)

1845 Bio-Rad Medical Diagnostics GmbH

1236 Ortho-Clinical Diagnostics, Inc.

Anti-Human Globulin (Rabbit/Murine Monoclonal) (Formulated for Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH

Anti-Human Globulin, Anti-IgG (Rabbit Polyclonal) (For Further
Manufacturing Use)

1744 Diagast

Anti-Inhibitor Coagulant Complex

2020 Baxalta US Inc.

Anti-thymocyte Globulin (Rabbit)

1596 Genzyme Corporation

Antibody to Hepatitis B Surface Antigen (Antibody to HBsAg/Enzyme
Immuno Assay (EIA)/Lysate)

1236 Ortho-Clinical Diagnostics, Inc.

Antibody to Hepatitis B Surface Antigen (Antibody to HBsAg/Radio
Immuno Assay (RIA)/Lysate)

0043 Abbott Laboratories

Antibody to Hepatitis B Surface Antigen (Mouse Monoclonal IgM) and
Antibody to Hepatitis B Surface Antigen (Human)

0043 Abbott Laboratories

Antibody to Hepatitis B Surface Antigen (Mouse Monoclonal)
Enzyme-Linked Immunosorbent Assay (ELISA) (Antibody to HBsAg/Enzyme
Immuno Assay (EIA), Version 3.0/Monoclonal)

1109 Bio-Rad Laboratories, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Antibody to Hepatitis B Surface Antigen (Mouse Monoclonal)
Enzyme-Linked Immunosorbent Assay (ELISA) (Antibody to HBsAg/Enzyme
Immuno Assay (EIA)/Monoclonal)

1236 Ortho-Clinical Diagnostics, Inc.

Antibody to Hepatitis B Surface Antigen Reversed Passive
Hemagglutination (RPHA) (Antibody to HBsAg/Other/Other)

0043 Abbott Laboratories

Antihemophilic Factor (Human)

2020 Baxalta US Inc.
1767 CSL Behring LLC
1871 Grifols Therapeutics Inc.

Antihemophilic Factor (Recombinant)

2020 Baxalta US Inc.
0008 Bayer HealthCare LLC
1261 Novo Nordisk Inc.
0003 Wyeth Pharmaceuticals Inc.

Antihemophilic Factor (Recombinant), Fc Fusion protein

1697 Biogen Inc.

Antihemophilic Factor (Recombinant), Full Length

0008 Bayer HealthCare LLC

Antihemophilic Factor (Recombinant), PEGylated

2020 Baxalta US Inc.

Antihemophilic Factor (Recombinant), Plasma/Albumin Free

0003 Wyeth Pharmaceuticals Inc.

Antihemophilic Factor (Recombinant), Plasma/Albumin Free Method

2020 Baxalta US Inc.

Antihemophilic Factor (Recombinant), Porcine Sequence

2020 Baxalta US Inc.

Antihemophilic Factor (Recombinant), Single Chain

2009 CSL Behring Recombinant Facility AG

Antihemophilic Factor (Recombinant), rAHF

1646 Octapharma Pharmazeutika Produktionsges.m.b.H.

Antihemophilic Factor Concentrate (Recombinant)(For Further
Manufacturing Use)

0003 Wyeth Pharmaceuticals Inc.

Antihemophilic Factor/von Willebrand Factor Complex (Human)

1765 CSL Behring GmbH

1694 Grifols Biologicals Inc.

Antithrombin (Recombinant)

1904 rEVO Biologics, Inc.

Antithrombin III (Human)

1871 Grifols Therapeutics Inc.

Antivenin (Crotalidae) Polyvalent

0003 Wyeth Pharmaceuticals Inc.

Antivenin (Latrodectus mactans)

0002 Merck Sharp & Dohme Corp.

Antivenin (Micrurus fulvius)

0003 Wyeth Pharmaceuticals Inc.

Autologous Cultured Chondrocytes

2010 Vericel Corporation

Azficel-T

1818 Fibrocell Technologies, Inc.

BCG Live

1747 Organon Teknika Corporation LLC
1726 Sanofi Pasteur Limited

BCG Vaccine

1747 Organon Teknika Corporation LLC

Blood Group Substance

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent Combination Kit

1887 Diagnostic Grifols, S.A.
1177 Micro Typing Systems, Inc.

Blood Grouping Reagent and Anti-Human Globulin Combination Kit

1887 Diagnostic Grifols, S.A.

Blood Grouping Reagent, Anti-A

0886 Immucor, Inc.
1177 Micro Typing Systems, Inc.

Blood Grouping Reagent, Anti-A (Murine Monoclonal)

1807 Alba Bioscience Limited
1723 Alba Bioscience, Inc.
1845 Bio-Rad Medical Diagnostics GmbH
0916 CHEMBIOMED LTD.
1887 Diagnostic Grifols, S.A.
0886 Immucor, Inc.
1177 Micro Typing Systems, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-A (Murine Monoclonal)(For Further
Manufacturing Use)

1807 Alba Bioscience Limited
1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-A (Murine Monoclonal)(Formulated for
Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH

1744 Diagast

Blood Grouping Reagent, Anti-A(B) (Murine Monoclonal)(For Further Manufacturing Use)

1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-A,B

0886 Immucor, Inc.

1177 Micro Typing Systems, Inc.

Blood Grouping Reagent, Anti-A,B (Murine Monoclonal)

1807 Alba Bioscience Limited

1723 Alba Bioscience, Inc.

1845 Bio-Rad Medical Diagnostics GmbH

1887 Diagnostic Grifols, S.A.

0886 Immucor, Inc.

1177 Micro Typing Systems, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-A,B (Murine Monoclonal)(Formulated for Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH

1744 Diagast

Blood Grouping Reagent, Anti-B

0886 Immucor, Inc.

1177 Micro Typing Systems, Inc.

Blood Grouping Reagent, Anti-B (Murine Monoclonal)

1807 Alba Bioscience Limited

1723 Alba Bioscience, Inc.

1845 Bio-Rad Medical Diagnostics GmbH

0916 CHEMBIOMED LTD.

1887 Diagnostic Grifols, S.A.

0886 Immucor, Inc.

1177 Micro Typing Systems, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-B (Murine Monoclonal) (IgG)(Formulated for Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH

Blood Grouping Reagent, Anti-B (Murine Monoclonal)(For Further
Manufacturing Use)

1744 Diagast

1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-B (Murine Monoclonal)(Formulated for
Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH

1744 Diagast

Blood Grouping Reagent, Anti-C

0886 Immucor, Inc.

1177 Micro Typing Systems, Inc.

Blood Grouping Reagent, Anti-C (Human Monoclonal)(IgM)(For Further
Manufacturing Use)

1744 Diagast

1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-C (Monoclonal)

1845 Bio-Rad Medical Diagnostics GmbH

1887 Diagnostic Grifols, S.A.

0886 Immucor, Inc.

1177 Micro Typing Systems, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-C (Monoclonal)(Formulated for Automated
Testing)

1845 Bio-Rad Medical Diagnostics GmbH

1744 Diagast

Blood Grouping Reagent, Anti-CDE

0886 Immucor, Inc.

Blood Grouping Reagent, Anti-CDE (Monoclonal)

0886 Immucor, Inc.

Blood Grouping Reagent, Anti-Cw

0886 Immucor, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-D

0886 Immucor, Inc.
1177 Micro Typing Systems, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-D (Human Monoclonal) (IgG) (For Further Manufacturing Use)

1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-D (Human Monoclonal) (IgM) (For Further Manufacturing Use)

1744 Diagast
1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-D (Human/Murine Heterohybridoma) (For Further Manufacturing Use)

1807 Alba Bioscience Limited

Blood Grouping Reagent, Anti-D (Monoclonal Blend)

1807 Alba Bioscience Limited
1723 Alba Bioscience, Inc.
1845 Bio-Rad Medical Diagnostics GmbH
0886 Immucor, Inc.

Blood Grouping Reagent, Anti-D (Monoclonal Blend)(Formulated for Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH
1744 Diagast

Blood Grouping Reagent, Anti-D (Monoclonal) (IgM)

1807 Alba Bioscience Limited
1723 Alba Bioscience, Inc.
1845 Bio-Rad Medical Diagnostics GmbH

1887 Diagnostic Grifols, S.A.
1177 Micro Typing Systems, Inc.

Blood Grouping Reagent, Anti-D (Monoclonal)(IgG Blend)(Formulated for Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH

Blood Grouping Reagent, Anti-D (Monoclonal)(IgM Blend)

1807 Alba Bioscience Limited
1723 Alba Bioscience, Inc.

Blood Grouping Reagent, Anti-D (Monoclonal)(IgM)(Formulated for Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH
1744 Diagast

Blood Grouping Reagent, Anti-D (Monoclonal-Polyclonal Blend)

0886 Immucor, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-Dia

0886 Immucor, Inc.

Blood Grouping Reagent, Anti-E

0886 Immucor, Inc.
1177 Micro Typing Systems, Inc.

Blood Grouping Reagent, Anti-E (Human Monoclonal)(IgM)(For Further Manufacturing Use)

1744 Diagast
1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-E (Human/Murine Monoclonal)(For Further Manufacturing Use)

1807 Alba Bioscience Limited

Blood Grouping Reagent, Anti-E (Monoclonal)

1807 Alba Bioscience Limited
1723 Alba Bioscience, Inc.
1845 Bio-Rad Medical Diagnostics GmbH
1887 Diagnostic Grifols, S.A.
0886 Immucor, Inc.
1177 Micro Typing Systems, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-E (Monoclonal)(Formulated for Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH
1744 Diagast

Blood Grouping Reagent, Anti-Fya

1807 Alba Bioscience Limited
0190 American National Red Cross (The)
0886 Immucor, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-Fya (Monoclonal)

1845 Bio-Rad Medical Diagnostics GmbH

Blood Grouping Reagent, Anti-Fya (Monoclonal) (IgG)

0886 Immucor, Inc.

Blood Grouping Reagent, Anti-Fya (Monoclonal) (IgG)(For Further Manufacturing Use)

1744 Diagast
1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-Fyb

1807 Alba Bioscience Limited
0886 Immucor, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-Jka

0886 Immucor, Inc.

Blood Grouping Reagent, Anti-Jka (Human Monoclonal) (IgM) (For Further Manufacturing Use)

1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-Jka (Monoclonal)

1845 Bio-Rad Medical Diagnostics GmbH

0886 Immucor, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-Jkb

0886 Immucor, Inc.

Blood Grouping Reagent, Anti-Jkb (Human Monoclonal) (IgM) (For Further Manufacturing Use)

1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-Jkb (Monoclonal)

1845 Bio-Rad Medical Diagnostics GmbH

0886 Immucor, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-Jsa

0886 Immucor, Inc.

Blood Grouping Reagent, Anti-Jsb

0886 Immucor, Inc.

Blood Grouping Reagent, Anti-K

1807 Alba Bioscience Limited

0190 American National Red Cross (The)

0886 Immucor, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-K (Human Monoclonal) (IgM) (For Further Manufacturing Use)

1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-K (Human/Murine Monoclonal)

0886 Immucor, Inc.

Blood Grouping Reagent, Anti-K (Monoclonal)

1845 Bio-Rad Medical Diagnostics GmbH

1887 Diagnostic Grifols, S.A.

0886 Immucor, Inc.

Blood Grouping Reagent, Anti-K (Monoclonal)(Formulated for Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH

1744 Diagast

Blood Grouping Reagent, Anti-Kpa

0190 American National Red Cross (The)

0886 Immucor, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-Kpb

0190 American National Red Cross (The)

0886 Immucor, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-Lea (Murine Monoclonal)

1807 Alba Bioscience Limited

1723 Alba Bioscience, Inc.

1845 Bio-Rad Medical Diagnostics GmbH

0916 CHEMBIOMED LTD.

0886 Immucor, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-Leb (Murine Monoclonal)

1807 Alba Bioscience Limited

1723 Alba Bioscience, Inc.

0916 CHEMBIOMED LTD.

0886 Immucor, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-Lub (Murine Monoclonal)

1807 Alba Bioscience Limited
1723 Alba Bioscience, Inc.

Blood Grouping Reagent, Anti-M

0190 American National Red Cross (The)
0886 Immucor, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-M (Murine Monoclonal)

1723 Alba Bioscience, Inc.
1845 Bio-Rad Medical Diagnostics GmbH
0886 Immucor, Inc.

Blood Grouping Reagent, Anti-M (Murine Monoclonal)(IgG)

1807 Alba Bioscience Limited

Blood Grouping Reagent, Anti-N

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-N (Murine Monoclonal)

1723 Alba Bioscience, Inc.
1845 Bio-Rad Medical Diagnostics GmbH
0886 Immucor, Inc.

Blood Grouping Reagent, Anti-N (Murine Monoclonal)(IgG)

1807 Alba Bioscience Limited

Blood Grouping Reagent, Anti-P1

0886 Immucor, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-P1 (Murine Monoclonal)

1845 Bio-Rad Medical Diagnostics GmbH
0886 Immucor, Inc.

Blood Grouping Reagent, Anti-P1 (Murine Monoclonal)(IgM)(For Further

Manufacturing Use)

1744 Diagast

Blood Grouping Reagent, Anti-PP1pk

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-S

0190 American National Red Cross (The)

0886 Immucor, Inc.

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-S (Monoclonal)

1845 Bio-Rad Medical Diagnostics GmbH

0886 Immucor, Inc.

Blood Grouping Reagent, Anti-S (Monoclonal) (IgM) (For Further
Manufacturing Use)

1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-Sc2

1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-U

0886 Immucor, Inc.

Blood Grouping Reagent, Anti-Wra

1807 Alba Bioscience Limited

Blood Grouping Reagent, Anti-c

0886 Immucor, Inc.

1177 Micro Typing Systems, Inc.

Blood Grouping Reagent, Anti-c (Human Monoclonal) (IgM) (For Further
Manufacturing Use)

1807 Alba Bioscience Limited

1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-c (Monoclonal)

1807 Alba Bioscience Limited
1723 Alba Bioscience, Inc.
1845 Bio-Rad Medical Diagnostics GmbH
1887 Diagnostic Grifols, S.A.
0886 Immucor, Inc.
1177 Micro Typing Systems, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-c (Monoclonal)(Formulated for Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH
1744 Diagast

Blood Grouping Reagent, Anti-e

0886 Immucor, Inc.
1177 Micro Typing Systems, Inc.

Blood Grouping Reagent, Anti-e (Human Monoclonal)(IgM)(For Further Manufacturing Use)

1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-e (Monoclonal)

1845 Bio-Rad Medical Diagnostics GmbH
1887 Diagnostic Grifols, S.A.
0886 Immucor, Inc.
1177 Micro Typing Systems, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-e (Monoclonal)(Formulated for Automated Testing)

1845 Bio-Rad Medical Diagnostics GmbH
1744 Diagast

Blood Grouping Reagent, Anti-k

0190 American National Red Cross (The)
0886 Immucor, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-k (Murine Monoclonal)

1807 Alba Bioscience Limited
1723 Alba Bioscience, Inc.
1845 Bio-Rad Medical Diagnostics GmbH

Blood Grouping Reagent, Anti-s

1807 Alba Bioscience Limited
0190 American National Red Cross (The)
0886 Immucor, Inc.
1236 Ortho-Clinical Diagnostics, Inc.

Blood Grouping Reagent, Anti-s (Monoclonal)

1845 Bio-Rad Medical Diagnostics GmbH
0886 Immucor, Inc.

Blood Grouping Reagent, Anti-s (Monoclonal) (For Further Manufacturing Use)

1761 Millipore (UK) Ltd.

Blood Grouping Reagent, Anti-s (Monoclonal)(IgG)(For Further Manufacturing Use)

1744 Diagast

Botulism Antitoxin Heptavalent (A, B, C, D, E, F, G) - (Equine)

1201 Cangene Corporation

Botulism Immune Globulin Intravenous (Human)

1797 California Department of Public Health (CDPH)

C1 Esterase Inhibitor (Human)

1765 CSL Behring GmbH
1833 ViroPharma Biologics, Inc.

C1 Esterase Inhibitor (Recombinant)

2012 Santarus, Inc.

CMV High Titer Fraction II+III Paste (For Further Manufacturing Use)

0140 Baxter Healthcare Corporation

Candida albicans Skin Test Antigen for Cellular Hypersensitivity

1903 Nielsen Bioscience, Inc

Centruroides (Scorpion) Immune F(ab')₂ (Equine) Injection

1860 Rare Disease Therapeutics, Inc. (RDT)

Cholera Vaccine Live Oral

2041 Pax Vax Bermuda Ltd.

Coagulation Factor IX (Human)

1767 CSL Behring LLC

1694 Grifols Biologicals Inc.

Coagulation Factor IX (Recombinant)

2054 Aptevio BioTherapeutics LLC

2020 Baxalta US Inc.

0003 Wyeth Pharmaceuticals Inc.

Coagulation Factor IX (Recombinant), Albumin Fusion Protein

2009 CSL Behring Recombinant Facility AG

Coagulation Factor IX (Recombinant), Fc Fusion Protein

1697 Biogen Inc.

Coagulation Factor VIIa (Recombinant)

1261 Novo Nordisk Inc.

Coagulation Factor X (Human)

1811 Bio Products Laboratory

Coagulation Factor XIII A-Subunit (Recombinant)

1261 Novo Nordisk Inc.

Coccidioides immitis Spherule-Derived Skin Test Antigen

1903 Nielsen Bioscience, Inc

Crotalidae Immune F(ab')₂ (Equine)

1860 Rare Disease Therapeutics, Inc. (RDT)

Crotalidae Polyvalent Immune Fab (Ovine)

1861 BTG International Inc.

Cryoprecipitated AHF

0190 American National Red Cross (The)
1732 AnMed Health
0222 Aurora Area Blood Bank
0166 Belle Bonfils Memorial Blood Center
0274 Bergen Community Regional Blood Center
0747 Blood Assurance, Inc.
0361 Blood Bank of Alaska, Inc.
1707 Blood Bank of Delmarva, Inc.
0226 Blood Bank of San Bernardino and Riverside Counties
0354 Blood Center (The)
1605 Blood Connection, Inc. (The)
0183 Blood Systems, Inc.
1719 BloodCenter of Wisconsin, Inc.
1776 BloodSource, Inc.
2042 Bloodworks
1274 Carter BloodCare
0234 Central Blood Bank
0315 Central California Blood Center
1878 Central Shared Services, LLC
0244 Central Texas Regional Blood and Tissue Center
1637 Coastal Bend Blood Center
0983 Community Blood Bank of Erie County
0695 Community Blood Bank of Lancaster County Medical Society
0394 Community Blood Center
0302 Community Blood Center of Greater Kansas City
1774 Community Blood Center of the Carolinas
1276 Community Blood Center of the Ozarks
0866 Community Blood Center, Inc.
1843 Community Blood Centers of Florida, Inc.
0610 Department of the Air Force
0611 Department of the Army

0635 Department of the Navy
 0639 Gulf Coast Regional Blood Center
 0454 HCSC-Blood Center
 1835 Houchin Community Blood Bank
 0235 Hoxworth Blood Center University of Cincinnati Medical
 Center
 1759 Indiana Blood Center
 1895 Innovative Blood Resources
 0365 Inova Health Care Services
 0305 Interstate Blood Bank, Inc. of Chicago, Illinois
 1836 Kentucky Blood Center, Inc.
 1846 LifeServe Blood Center
 0237 LifeShare Blood Centers
 1705 LifeShare Community Blood Services
 1025 LifeSource
 1647 LifeSouth Community Blood Centers, Inc.
 0688 Medic, Inc.
 1839 Michigan Blood
 0366 Mississippi Valley Regional Blood Center
 0465 New York Blood Center, Inc.
 0230 Northern California Community Blood Bank
 0249 Northern Illinois Blood Bank, Inc.
 0766 Oklahoma Blood Institute
 1875 OneBlood, Inc.
 1786 Rhode Island Blood Center
 0201 San Diego Blood Bank
 1772 Sanford Medical Center
 0248 South Bend Medical Foundation, Inc.
 0678 South Texas Blood and Tissue Center
 1288 Suncoast Communities Blood Bank, Inc.
 0202 Tacoma-Pierce County Blood Bank
 1706 Tri-Counties Blood Bank
 0881 Walter L. Sheppard Community Blood Center, Inc.
 1246 Wellmont Health System
 0170 West Tennessee Regional Blood Center, Inc.

Cytomegalovirus Immune Globulin Intravenous (Human)

1766 CSL Behring AG

DTaP & Hepatitis B (Recombinant) & Inactivated Polio Virus Vaccine

1617 GlaxoSmithKline Biologicals

Digoxin Immune Fab (Ovine)

1861 BTG International Inc.
 0129 Wellcome Foundation Limited Wellcome Research Laboratories

Diphtheria & Tetanus Toxoids & Acellular Pertussis Vaccine Adsorbed

1617 GlaxoSmithKline Biologicals
1725 Sanofi Pasteur Inc.
1726 Sanofi Pasteur Limited

Diphtheria & Tetanus Toxoids Adsorbed

1725 Sanofi Pasteur Inc.
1726 Sanofi Pasteur Limited

Diphtheria & Tetanus Toxoids Adsorbed Combined Bulk (For Further
Manufacturing Use)

1617 GlaxoSmithKline Biologicals

Diphtheria Toxoid Concentrate (For Further Manufacturing Use)

1255 Statens Serum Institut

Diphtheria and Tetanus Toxoids and Acellular Pertussis Adsorbed and
Inactivated Poliovirus Vaccine

1726 Sanofi Pasteur Limited

Diphtheria and Tetanus Toxoids and Acellular Pertussis Vaccine
Adsorbed and Inactivated Poliovirus Vaccine

1617 GlaxoSmithKline Biologicals

Factor IX Complex

2020 Baxalta US Inc.
1694 Grifols Biologicals Inc.

Factor XIII Concentrate (Human)

1765 CSL Behring GmbH

Fibrin Sealant (Human)

0140 Baxter Healthcare Corporation
1603 Omrix Biopharmaceuticals Ltd
1994 ProFibrix, BV.

Fibrin Sealant (Tisseel)

0140 Baxter Healthcare Corporation

Fibrin Sealant Patch

1879 Ethicon, Inc.

1894 Takeda Pharma A/S

Fibrinogen (For Further Manufacturing Use)

1765 CSL Behring GmbH

Fibrinogen Concentrate (Human)

1765 CSL Behring GmbH

Fraction II (For Further Manufacturing Use)

0140 Baxter Healthcare Corporation

Fraction II + III Paste (For Further Manufacturing Use)

1906 Kedrion Biopharma Inc.

Fraction II + III W Paste (For Further Manufacturing Use)

1906 Kedrion Biopharma Inc.

Fraction IV-1 (For Further Manufacturing Use)

1906 Kedrion Biopharma Inc.

HIV-1 Group O and M, HIV-2, HCV and/or HBV
(HIV-1/HIV-2/HCV/HBV/Multiplex Discriminatory NAT)

1636 Roche Molecular Systems, Inc.

HIV-1 Group O and M, HIV-2, HCV and/or HBV
(HIV-1/HIV-2/HCV/HBV/Multiplex Discriminatory NAT/pool testing)

1636 Roche Molecular Systems, Inc.

HIV-1 Group O and M, HIV-2, HCV, and/or HBV
(HIV-1/HIV-2/HCV/HBV/PCR/Blood cell Derived)

1636 Roche Molecular Systems, Inc.

HPC, Cord Blood

2042 Bloodworks
2026 Cleveland Cord Blood Center
1855 Clinimmune Labs
1870 Duke University School of Medicine
1647 LifeSouth Community Blood Centers, Inc.
1873 SSM Cardinal Glennon Children's Medical Center

Haemophilus b Conjugate (Meningococcal Protein Conjugate) and
Hepatitis B (Recombinant) Vaccine

0002 Merck Sharp & Dohme Corp.

Haemophilus b Conjugate Vaccine (Meningococcal Protein Conjugate)

0002 Merck Sharp & Dohme Corp.

Haemophilus b Conjugate Vaccine (Tetanus Toxoid Conjugate)

1617 GlaxoSmithKline Biologicals
1724 Sanofi Pasteur SA

Haemophilus b Conjugate Vaccine (Tetanus Toxoid Conjugate)
Reconstituted with Diphtheria and Tetanus Toxoids and Acellular
Pertussis Vaccine Adsorbed Combined with Poliovirus Vaccine
Inactivated

1726 Sanofi Pasteur Limited

Hematopoietic Progenitor Cells, Cord (HPC-C)

0465 New York Blood Center, Inc.

Hemin for Injection

1899 Recordati Rare Diseases, Inc.

Hepatitis A Inactivated & Hepatitis B (Recombinant) Vaccine

1617 GlaxoSmithKline Biologicals

Hepatitis A Vaccine Inactivated

1617 GlaxoSmithKline Biologicals
0002 Merck Sharp & Dohme Corp.

Hepatitis B Immune Globulin (Human)

2054 Aptevio BioTherapeutics LLC
1792 Biotest Pharmaceuticals Corporation
1871 Grifols Therapeutics Inc.

Hepatitis B Immune Globulin Intravenous (Human)

2054 Aptevio BioTherapeutics LLC

Hepatitis B Surface Antigen (FA03) (HBsAg/Enzyme Immuno Assay
(EIA)/Recombinant)

0043 Abbott Laboratories

Hepatitis B Vaccine (Recombinant)

1617 GlaxoSmithKline Biologicals
0002 Merck Sharp & Dohme Corp.

Hepatitis B Virus (Hepatitis B Virus/Nucleic Acid Pooled
Testing/Synthetic)

1582 National Genetics Institute

Hepatitis B Virus (Hepatitis B Virus/Polymerase Chain Reaction/Blood
Cell Derived)

1636 Roche Molecular Systems, Inc.

Hepatitis B Virus Core Antigen (E.coli, Recombinant)

0043 Abbott Laboratories

Hepatitis B Virus Core Antigen (HBc Encoded Antigen/For Further
Manufacture/Recombinant)

2032 Grifols Diagnostics Solutions, Inc.

Hepatitis B Virus Core Antigen (HBcAg/Enzyme Immuno Assay

(EIA)/Recombinant)

1236 Ortho-Clinical Diagnostics, Inc.

Hepatitis C Virus (Hepatitis C Virus/Nucleic Acid Pooled
Testing/Synthetic)

1582 National Genetics Institute

Hepatitis C Virus (Hepatitis C Virus/Polymerase Chain Reaction/Blood
Cell Derived)

1636 Roche Molecular Systems, Inc.

Hepatitis C Virus Encoded Antigen (HCV Encoded Antigen/Enzyme Immuno
Assay (EIA), Version 2.0/Recombinant and Synthetic)

1236 Ortho-Clinical Diagnostics, Inc.

Hepatitis C Virus Encoded Antigen (HCV Encoded Antigen/Enzyme Immuno
Assay (EIA), Version 3.0/Recombinant and Synthetic)

1236 Ortho-Clinical Diagnostics, Inc.

Hepatitis C Virus Encoded Antigen (HCV Encoded Antigen/Enzyme Immuno
Assay (EIA)/Recombinant)

0043 Abbott Laboratories

1236 Ortho-Clinical Diagnostics, Inc.

Hepatitis C Virus Encoded Antigen (HCV Encoded Antigen/For Further
Manufacture/Recombinant)

2032 Grifols Diagnostics Solutions, Inc.

Hepatitis C Virus Encoded Antigen (HCV Encoded Antigen/Strip Immuno
Blot Assay (SIA)/Recombinant and Synthetic)

2032 Grifols Diagnostics Solutions, Inc.

Hepatitis C Virus Encoded Antigens (Recombinant c100-3, HCr43, NS5)

0043 Abbott Laboratories

Human Immunodeficiency Virus Type 1 (HIV-1/Enzyme Immuno Assay (EIA),

Dried Blood Spot/Lysate)

0043 Abbott Laboratories

Human Immunodeficiency Virus Type 1 (HIV-1/Enzyme Immuno Assay
(EIA)/Lysate)

0043 Abbott Laboratories

Human Immunodeficiency Virus Type 1 (HIV-1/Enzyme Immuno Assay
(EIA)/Synthetic)

1079 United Biomedical, Inc.

Human Immunodeficiency Virus Type 1 (HIV-1/Immunofluorescence Assay
(IFA), Dried Blood Spot/Blood Cell Derived)

1631 Sanochemia Pharmazeutika AG

Human Immunodeficiency Virus Type 1 (HIV-1/Immunofluorescence Assay
(IFA)/Blood Cell Derived)

1631 Sanochemia Pharmazeutika AG

Human Immunodeficiency Virus Type 1 (HIV-1/Nucleic Acid Pooled
Testing/Synthetic)

1582 National Genetics Institute

Human Immunodeficiency Virus Type 1 (HIV-1/Polymerase Chain Reaction)

1636 Roche Molecular Systems, Inc.

Human Immunodeficiency Virus Type 1 (HIV-1/Western Blot (WB)/Lysate)

1109 Bio-Rad Laboratories, Inc.

1741 Maxim Biomedical, Inc.

Human Immunodeficiency Virus Type 1 and/or Hepatitis C Virus (HIV-1
and Hepatitis C Virus/Nucleic Acid Pooled Testing/Synthetic)

2037 Hologic, Inc.

Human Immunodeficiency Virus Type 1 and/or Hepatitis C Virus and/or
Hepatitis B Virus (HIV-1 and Hepatitis C Virus and Hepatitis B

Virus/Nucleic Acid Pooled Testing/Synthetic)

2037 Hologic, Inc.

Human Immunodeficiency Virus Type 2 (HIV-2/Enzyme Immuno Assay
(EIA)/Lysate)

1109 Bio-Rad Laboratories, Inc.

Human Immunodeficiency Virus Types 1 and 2 (E. coli, B. megaterium,
Recombinant) Antigen and Synthetic Peptide

0043 Abbott Laboratories

Human Immunodeficiency Virus Types 1 and 2 (HIV-1 and HIV-2/Enzyme
Immuno Assay (EIA)/Synthetic)

1079 United Biomedical, Inc.

Human Immunodeficiency Virus Types 1 and 2 (HIV-1 and HIV-2/Enzyme
Immunoassay (EIA)/Recombinant and Synthetic)

1109 Bio-Rad Laboratories, Inc.

Human Papillomavirus 9-valent Vaccine, Recombinant

0002 Merck Sharp & Dohme Corp.

Human Papillomavirus Bivalent (Types 16 and 18) Vaccine, Recombinant

1617 GlaxoSmithKline Biologicals

Human Papillomavirus Quadrivalent (Types 6, 11, 16 and 18) Vaccine,
Recombinant

0002 Merck Sharp & Dohme Corp.

Human T-Lymphotropic Virus Type I (HTLV-I/Enzyme Immuno Assay (EIA),
Version 2.0/Lysate)

0043 Abbott Laboratories

Human T-Lymphotropic Virus Type I (HTLV-I/Enzyme Immuno Assay
(EIA)/Lysate)

0043 Abbott Laboratories

Human T-Lymphotropic Virus Type I (HTLV-I/Enzyme Immuno Assay
(EIA)/Recombinant)

1741 Maxim Biomedical, Inc.

Human T-Lymphotropic Virus Types I & II

0043 Abbott Laboratories

1897 MP Biomedicals Asia Pacific Pte. Ltd.

Human T-Lymphotropic Virus Types I & II (HTLV-I and HTLV-II/Enzyme
Immuno Assay (EIA)/Lysate)

1856 AVIOQ, Inc.

Immune Globulin (Human)

1871 Grifols Therapeutics Inc.

Immune Globulin Infusion (Human)

2020 Baxalta US Inc.

Immune Globulin Infusion (Human), 10% with Recombinant Human
Hyaluronidase

2020 Baxalta US Inc.

Immune Globulin Injection (Human) 10% Caprylate/Chromatography
Purified

1871 Grifols Therapeutics Inc.

Immune Globulin Intravenous (Human)

2020 Baxalta US Inc.

1792 Biotest Pharmaceuticals Corporation

1766 CSL Behring AG

1181 Instituto Grifols, S.A.

1646 Octapharma Pharmazeutika Produktionsges.m.b.H.

Immune Globulin Intravenous (Human), 10% Liquid

1766 CSL Behring AG

Immune Globulin Intravenous (Human), 5% Liquid

1811 Bio Products Laboratory

Immune Globulin Subcutaneous (Human), 20% Liquid

1766 CSL Behring AG

Immune Globulin Subcutaneous (Human), 20% Solution

2020 Baxalta US Inc.

Influenza A (H5N1) Virus Monovalent Vaccine, Adjuvanted

1739 ID Biomedical Corporation of Quebec

Influenza Vaccine

1739 ID Biomedical Corporation of Quebec

1795 Protein Sciences Corporation

2049 Seqirus Inc.

2044 Seqirus Pty Ltd.

Influenza Vaccine Live, Intranasal

1799 MedImmune, LLC

Influenza Vaccine, Adjuvanted

2049 Seqirus Inc.

Influenza Virus Vaccine

1617 GlaxoSmithKline Biologicals

1725 Sanofi Pasteur Inc.

2049 Seqirus Inc.

2055 Seqirus Vaccines Limited

Influenza Virus Vaccine, H5N1

1725 Sanofi Pasteur Inc.

Insects (Whole Body), Mite Dermatophagoides farinae

1256 ALK-Abello, Inc.
0103 Allergy Laboratories, Inc.
0467 Allarmed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.
1272 Jubilant HollisterStier LLC

Insects (Whole Body), Mite Dermatophagoides pteronyssinus

1256 ALK-Abello, Inc.
0103 Allergy Laboratories, Inc.
0467 Allarmed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.
1272 Jubilant HollisterStier LLC

Japanese Encephalitis Vaccine, Inactivated, Adsorbed

1909 Valneva Austria GmbH

Limulus Amebocyte Lysate (LAL)

0700 Associates of Cape Cod, Inc.
0140 Baxter Healthcare Corporation
1197 Charles River Endosafe, a Division of Charles River
Laboratories, Inc.
1775 Lonza Walkersville, Inc.
1762 Wako Chemicals USA, Inc.

Lymphocyte Immune Globulin, Anti-thymocyte Globulin (Equine)

1216 Pharmacia & Upjohn Company

Measles, Mumps and Rubella Virus Vaccine Live

0002 Merck Sharp & Dohme Corp.

Measles, Mumps, Rubella and Varicella Virus Vaccine Live

0002 Merck Sharp & Dohme Corp.

Meningococcal (Groups A, C, Y, and W-135) Oligosaccharide Diphtheria
CRM197 Conjugate Vaccine

1617 GlaxoSmithKline Biologicals

Meningococcal Group B Vaccine

1617 GlaxoSmithKline Biologicals
0003 Wyeth Pharmaceuticals Inc.

Meningococcal Groups (A, C, Y, and W-135) Polysaccharide Diphtheria
Toxoid Conjugate Vaccine

1725 Sanofi Pasteur Inc.

Meningococcal Groups C and Y and Haemophilus b Tetanus Toxoid
Conjugate Vaccine

1617 GlaxoSmithKline Biologicals

Meningococcal Polysaccharide Vaccine, Group A

1725 Sanofi Pasteur Inc.

Meningococcal Polysaccharide Vaccine, Group C

1725 Sanofi Pasteur Inc.

Meningococcal Polysaccharide Vaccine, Groups A and C Combined

1725 Sanofi Pasteur Inc.

Meningococcal Polysaccharide Vaccine, Groups A, C, Y, and W-135
Combined

1725 Sanofi Pasteur Inc.

Non Standardized Allergenics

1256 ALK-Abello, Inc.
0103 Allergy Laboratories, Inc.
0467 Allermed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.
1272 Jubilant HollisterStier LLC

Normal Horse Serum

0002 Merck Sharp & Dohme Corp.

Plague Vaccine

0308 Greer Laboratories, Inc.

Plasma

0809 Altru Health System
0190 American National Red Cross (The)
1732 AnMed Health
0222 Aurora Area Blood Bank
1293 Avera McKennan Hospital & University Health Center
0166 Belle Bonfils Memorial Blood Center
0274 Bergen Community Regional Blood Center
0747 Blood Assurance, Inc.
0361 Blood Bank of Alaska, Inc.
1707 Blood Bank of Delmarva, Inc.
0199 Blood Bank of Hawaii
0226 Blood Bank of San Bernardino and Riverside Counties
0354 Blood Center (The)
1684 Blood Center of Northcentral Wisconsin, Inc.
1605 Blood Connection, Inc. (The)
0183 Blood Systems, Inc.
1719 BloodCenter of Wisconsin, Inc.
1776 BloodSource, Inc.
2042 Bloodworks
1274 Carter BloodCare
0234 Central Blood Bank
0315 Central California Blood Center
0602 Central Jersey Blood Center
1576 Central Pennsylvania Blood Bank
1878 Central Shared Services, LLC
0244 Central Texas Regional Blood and Tissue Center
1637 Coastal Bend Blood Center
0983 Community Blood Bank of Erie County
0695 Community Blood Bank of Lancaster County Medical Society
0394 Community Blood Center
0302 Community Blood Center of Greater Kansas City
1774 Community Blood Center of the Carolinas
1276 Community Blood Center of the Ozarks
0866 Community Blood Center, Inc.
1843 Community Blood Centers of Florida, Inc.
1247 Community Blood Council of New Jersey, Inc.
0439 Continental Services Group, Inc.
1590 Coral Blood Services
1715 Cumberland County Hospital System, Inc.
0610 Department of the Air Force
0611 Department of the Army
0635 Department of the Navy
0639 Gulf Coast Regional Blood Center
0454 HCSC-Blood Center
1141 HemaCare Corporation

1777 Holyoke Medical Center, Inc.
 1835 Houchin Community Blood Bank
 0235 Hoxworth Blood Center University of Cincinnati Medical
 Center
 1759 Indiana Blood Center
 1895 Innovative Blood Resources
 0365 Inova Health Care Services
 0173 Interstate Blood Bank, Inc.
 0305 Interstate Blood Bank, Inc. of Chicago, Illinois
 1836 Kentucky Blood Center, Inc.
 1846 LifeServe Blood Center
 0237 LifeShare Blood Centers
 1705 LifeShare Community Blood Services
 1025 LifeSource
 1647 LifeSouth Community Blood Centers, Inc.
 0688 Medic, Inc.
 1839 Michigan Blood
 0817 Mississippi Blood Services, Inc.
 0366 Mississippi Valley Regional Blood Center
 1065 Murray-Calloway County Public Hospital Corp.
 0465 New York Blood Center, Inc.
 1731 NIH Clinical Center
 0230 Northern California Community Blood Bank
 0249 Northern Illinois Blood Bank, Inc.
 0766 Oklahoma Blood Institute
 1875 OneBlood, Inc.
 1061 Regional Medical Center of Hopkins County
 1147 Regional West Medical Center
 0748 Rex Hospital, Inc.
 1786 Rhode Island Blood Center
 0201 San Diego Blood Bank
 1772 Sanford Medical Center
 0248 South Bend Medical Foundation, Inc.
 0678 South Texas Blood and Tissue Center
 0837 St. Luke's Hospital of New Bedford
 1602 St. Mary's Hospital and Medical Center, Inc.
 1288 Suncoast Communities Blood Bank, Inc.
 0202 Tacoma-Pierce County Blood Bank
 0952 Tennessee Blood Services Corp.
 1053 Texoma Regional Blood Center
 1706 Tri-Counties Blood Bank
 1229 United States Blood Bank, Inc.
 0874 University of Texas System Cancer Center (The)
 1805 Upstate New York Transplant Services, Inc.
 0881 Walter L. Sheppard Community Blood Center, Inc.
 1246 Wellmont Health System
 0170 West Tennessee Regional Blood Center, Inc.
 0768 Western Kentucky Regional Blood Center
 1266 Winter Haven Hospital, Inc.

Plasma Cryoprecipitate (For Further Manufacturing Use)

1906 Kedrion Biopharma Inc.

Plasma Protein Fraction (Human)

1871 Grifols Therapeutics Inc.

Platelets

0809 Altru Health System
0190 American National Red Cross (The)
1732 AnMed Health
0222 Aurora Area Blood Bank
1293 Avera McKennan Hospital & University Health Center
0166 Belle Bonfils Memorial Blood Center
0274 Bergen Community Regional Blood Center
0747 Blood Assurance, Inc.
0361 Blood Bank of Alaska, Inc.
1707 Blood Bank of Delmarva, Inc.
0199 Blood Bank of Hawaii
0226 Blood Bank of San Bernardino and Riverside Counties
0354 Blood Center (The)
1684 Blood Center of Northcentral Wisconsin, Inc.
1605 Blood Connection, Inc. (The)
0183 Blood Systems, Inc.
1719 BloodCenter of Wisconsin, Inc.
1776 BloodSource, Inc.
2042 Bloodworks
1274 Carter BloodCare
0234 Central Blood Bank
0315 Central California Blood Center
0602 Central Jersey Blood Center
1576 Central Pennsylvania Blood Bank
1878 Central Shared Services, LLC
0244 Central Texas Regional Blood and Tissue Center
1637 Coastal Bend Blood Center
0983 Community Blood Bank of Erie County
0695 Community Blood Bank of Lancaster County Medical Society
0394 Community Blood Center
0302 Community Blood Center of Greater Kansas City
1774 Community Blood Center of the Carolinas
1276 Community Blood Center of the Ozarks
0866 Community Blood Center, Inc.
1843 Community Blood Centers of Florida, Inc.
1247 Community Blood Council of New Jersey, Inc.
1590 Coral Blood Services
1715 Cumberland County Hospital System, Inc.
0610 Department of the Air Force
0611 Department of the Army
0635 Department of the Navy
0639 Gulf Coast Regional Blood Center
0454 HCSC-Blood Center
1141 HemaCare Corporation
1835 Houchin Community Blood Bank

0235 Hoxworth Blood Center University of Cincinnati Medical
 Center
 1759 Indiana Blood Center
 1895 Innovative Blood Resources
 0365 Inova Health Care Services
 1836 Kentucky Blood Center, Inc.
 1846 LifeServe Blood Center
 0237 LifeShare Blood Centers
 1705 LifeShare Community Blood Services
 1025 LifeSource
 1647 LifeSouth Community Blood Centers, Inc.
 0688 Medic, Inc.
 1839 Michigan Blood
 0841 Mid-South Regional Blood Center
 0817 Mississippi Blood Services, Inc.
 0366 Mississippi Valley Regional Blood Center
 0465 New York Blood Center, Inc.
 1731 NIH Clinical Center
 1692 North Country Regional Blood Center
 0230 Northern California Community Blood Bank
 0249 Northern Illinois Blood Bank, Inc.
 0766 Oklahoma Blood Institute
 1875 OneBlood, Inc.
 1061 Regional Medical Center of Hopkins County
 1147 Regional West Medical Center
 0748 Rex Hospital, Inc.
 1786 Rhode Island Blood Center
 0201 San Diego Blood Bank
 1772 Sanford Medical Center
 0248 South Bend Medical Foundation, Inc.
 0678 South Texas Blood and Tissue Center
 1602 St. Mary's Hospital and Medical Center, Inc.
 1288 Suncoast Communities Blood Bank, Inc.
 0202 Tacoma-Pierce County Blood Bank
 1053 Texoma Regional Blood Center
 1706 Tri-Counties Blood Bank
 0874 University of Texas System Cancer Center (The)
 0881 Walter L. Sheppard Community Blood Center, Inc.
 1246 Wellmont Health System
 0170 West Tennessee Regional Blood Center, Inc.
 0768 Western Kentucky Regional Blood Center
 1266 Winter Haven Hospital, Inc.

Pneumococcal 13-valent Conjugate Vaccine (Diphtheria CRM197 Protein)

0003 Wyeth Pharmaceuticals Inc.

Pneumococcal 7-valent Conjugate Vaccine (Diphtheria CRM197 Protein)

0003 Wyeth Pharmaceuticals Inc.

Pneumococcal Vaccine, Polyvalent

0002 Merck Sharp & Dohme Corp.

Poliovirus Vaccine Inactivated

1724 Sanofi Pasteur SA

Poliovirus Vaccine Inactivated (Human Diploid Cell)

1726 Sanofi Pasteur Limited

Pollens - Grasses, Bermuda Grass *Cynodon dactylon*

1256 ALK-Abello, Inc.
0103 Allergy Laboratories, Inc.
0467 Allarmed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.
1272 Jubilant HollisterStier LLC

Pollens - Grasses, Bluegrass, Kentucky (June) *Poa pratensis*

1256 ALK-Abello, Inc.
0103 Allergy Laboratories, Inc.
0467 Allarmed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.
1272 Jubilant HollisterStier LLC

Pollens - Grasses, Fescue, Meadow *Festuca elatior*

1256 ALK-Abello, Inc.
0103 Allergy Laboratories, Inc.
0467 Allarmed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.
1272 Jubilant HollisterStier LLC

Pollens - Grasses, Orchard Grass *Dactylis glomerata*

1256 ALK-Abello, Inc.
0103 Allergy Laboratories, Inc.
0467 Allarmed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.
1272 Jubilant HollisterStier LLC

Pollens - Grasses, Redtop *Agrostis alba*

1256 ALK-Abello, Inc.
0103 Allergy Laboratories, Inc.
0467 Allarmed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.
1272 Jubilant HollisterStier LLC

Pollens - Grasses, Ryegrass, Perennial *Lolium perenne*

1256 ALK-Abello, Inc.
0103 Allergy Laboratories, Inc.
0467 Allarmed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.
1272 Jubilant HollisterStier LLC

Pollens - Grasses, Sweet Vernal Grass *Anthoxanthum odoratum*

1256 ALK-Abello, Inc.
0103 Allergy Laboratories, Inc.
0467 Allarmed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.
1272 Jubilant HollisterStier LLC

Pollens - Grasses, Timothy *Phleum pratense*

1256 ALK-Abello, Inc.
0103 Allergy Laboratories, Inc.
0467 Allarmed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.
1272 Jubilant HollisterStier LLC

Pollens - Weeds and Garden Plants, Ragweed, Short *Ambrosia artemisiifolia*

0103 Allergy Laboratories, Inc.
0467 Allarmed Laboratories, Inc.
0468 Antigen Laboratories, Inc.
0308 Greer Laboratories, Inc.
1272 Jubilant HollisterStier LLC

Pollens - Weeds and Garden Plants, Ragweed, Short *Ambrosia elatior*

1256 ALK-Abello, Inc.

0308 Greer Laboratories, Inc.

Pooled Plasma (Human), Solvent/Detergent Treated

1646 Octapharma Pharmazeutika Produktionsges.m.b.H.

Positive Skin Test Control-Histamine

1256 ALK-Abello, Inc.

1272 Jubilant HollisterStier LLC

1903 Nielsen Bioscience, Inc

Protein C Concentrate (Human)

2020 Baxalta US Inc.

Prothrombin Complex Concentrate (Human)

1765 CSL Behring GmbH

Purified Fraction V Paste (For Further Manufacturing Use)

1906 Kedrion Biopharma Inc.

RSV High Titer Fraction II+III Paste (For Further Manufacturing Use)

0140 Baxter Healthcare Corporation

Rabies Immune Globulin (Human)

1871 Grifols Therapeutics Inc.

1724 Sanofi Pasteur SA

Rabies Vaccine

1617 GlaxoSmithKline Biologicals

1724 Sanofi Pasteur SA

Rabies Vaccine Adsorbed

1755 Emergent BioDefense Operations Lansing LLC

Reagent Red Blood Cells

1807 Alba Bioscience Limited
1845 Bio-Rad Medical Diagnostics GmbH
0886 Immucor, Inc.
1740 Medion Grifols Diagnostics AG
1236 Ortho-Clinical Diagnostics, Inc.

Reagent Red Blood Cells For Use in Automated Systems

1845 Bio-Rad Medical Diagnostics GmbH
1744 Diagast

Red Blood Cells

0809 Altru Health System
0190 American National Red Cross (The)
1732 AnMed Health
0222 Aurora Area Blood Bank
1293 Avera McKennan Hospital & University Health Center
0166 Belle Bonfils Memorial Blood Center
0274 Bergen Community Regional Blood Center
0747 Blood Assurance, Inc.
0361 Blood Bank of Alaska, Inc.
1707 Blood Bank of Delmarva, Inc.
0199 Blood Bank of Hawaii
0226 Blood Bank of San Bernardino and Riverside Counties
0354 Blood Center (The)
1684 Blood Center of Northcentral Wisconsin, Inc.
1605 Blood Connection, Inc. (The)
0183 Blood Systems, Inc.
1719 BloodCenter of Wisconsin, Inc.
1776 BloodSource, Inc.
2042 Bloodworks
1274 Carter BloodCare
0234 Central Blood Bank
0315 Central California Blood Center
0602 Central Jersey Blood Center
1576 Central Pennsylvania Blood Bank
1878 Central Shared Services, LLC
0244 Central Texas Regional Blood and Tissue Center
1637 Coastal Bend Blood Center
0983 Community Blood Bank of Erie County
0695 Community Blood Bank of Lancaster County Medical Society
0394 Community Blood Center
0302 Community Blood Center of Greater Kansas City
1774 Community Blood Center of the Carolinas
1276 Community Blood Center of the Ozarks
0866 Community Blood Center, Inc.
1843 Community Blood Centers of Florida, Inc.
1247 Community Blood Council of New Jersey, Inc.
0439 Continental Services Group, Inc.
1590 Coral Blood Services
0288 Delta Blood Bank

0610 Department of the Air Force
0611 Department of the Army
0635 Department of the Navy
1890 DLP Marquette General Hospital, LLC
0300 General Hospital Corporation (The)
0639 Gulf Coast Regional Blood Center
0454 HCSC-Blood Center
1141 HemaCare Corporation
1777 Holyoke Medical Center, Inc.
1835 Houchin Community Blood Bank
0235 Hoxworth Blood Center University of Cincinnati Medical
Center
1759 Indiana Blood Center
1895 Innovative Blood Resources
0365 Inova Health Care Services
0173 Interstate Blood Bank, Inc.
0305 Interstate Blood Bank, Inc. of Chicago, Illinois
1836 Kentucky Blood Center, Inc.
1846 LifeServe Blood Center
0237 LifeShare Blood Centers
1705 LifeShare Community Blood Services
1025 LifeSource
1647 LifeSouth Community Blood Centers, Inc.
0688 Medic, Inc.
1839 Michigan Blood
0817 Mississippi Blood Services, Inc.
0366 Mississippi Valley Regional Blood Center
1065 Murray-Calloway County Public Hospital Corp.
0465 New York Blood Center, Inc.
1731 NIH Clinical Center
1692 North Country Regional Blood Center
0230 Northern California Community Blood Bank
0249 Northern Illinois Blood Bank, Inc.
0766 Oklahoma Blood Institute
1875 OneBlood, Inc.
1061 Regional Medical Center of Hopkins County
1147 Regional West Medical Center
0748 Rex Hospital, Inc.
1786 Rhode Island Blood Center
0201 San Diego Blood Bank
1772 Sanford Medical Center
0248 South Bend Medical Foundation, Inc.
0678 South Texas Blood and Tissue Center
0403 St. Joseph Medical Center, Inc.
0837 St. Luke's Hospital of New Bedford
1602 St. Mary's Hospital and Medical Center, Inc.
1288 Suncoast Communities Blood Bank, Inc.
0202 Tacoma-Pierce County Blood Bank
0952 Tennessee Blood Services Corp.
1053 Texoma Regional Blood Center
1706 Tri-Counties Blood Bank
1229 United States Blood Bank, Inc.
2034 University Medical Center Management Corporation
0874 University of Texas System Cancer Center (The)

1805 Upstate New York Transplant Services, Inc.
0881 Walter L. Sheppard Community Blood Center, Inc.
1246 Wellmont Health System
0170 West Tennessee Regional Blood Center, Inc.
0768 Western Kentucky Regional Blood Center
1266 Winter Haven Hospital, Inc.

Rho(D) Immune Globulin (Human)

1871 Grifols Therapeutics Inc.
1906 Kedrion Biopharma Inc.

Rho(D) Immune Globulin Intravenous (Human)

2054 Aptevio BioTherapeutics LLC
1766 CSL Behring AG

Rotavirus Vaccine, Live, Oral

1617 GlaxoSmithKline Biologicals

Rotavirus Vaccine, Live, Oral, Pentavalent

0002 Merck Sharp & Dohme Corp.

Short Ragweed Pollen Allergen Extract

0002 Merck Sharp & Dohme Corp.

Smallpox (Vaccinia) Vaccine, Live

1815 Sanofi Pasteur Biologics, LLC

Source Leukocytes

0190 American National Red Cross (The)
0274 Bergen Community Regional Blood Center
0785 Bio-Blood Components, Inc.
0747 Blood Assurance, Inc.
0183 Blood Systems, Inc.
1719 BloodCenter of Wisconsin, Inc.
1999 BPL Plasma, Inc.
1274 Carter BloodCare
0602 Central Jersey Blood Center
0302 Community Blood Center of Greater Kansas City
0866 Community Blood Center, Inc.
1843 Community Blood Centers of Florida, Inc.

1247 Community Blood Council of New Jersey, Inc.
 0439 Continental Services Group, Inc.
 0639 Gulf Coast Regional Blood Center
 0235 Hoxworth Blood Center University of Cincinnati Medical
 Center
 1759 Indiana Blood Center
 1895 Innovative Blood Resources
 0173 Interstate Blood Bank, Inc.
 0305 Interstate Blood Bank, Inc. of Chicago, Illinois
 0268 Interstate Blood Bank, Inc. of Missouri
 0497 Interstate Blood Bank, Inc. of Wisconsin
 0237 LifeShare Blood Centers
 1025 LifeSource
 1647 LifeSouth Community Blood Centers, Inc.
 0817 Mississippi Blood Services, Inc.
 0366 Mississippi Valley Regional Blood Center
 0465 New York Blood Center, Inc.
 0766 Oklahoma Blood Institute
 1875 OneBlood, Inc.
 0982 Plasma Biological Services, LLC
 1786 Rhode Island Blood Center
 0201 San Diego Blood Bank
 0678 South Texas Blood and Tissue Center
 1288 Suncoast Communities Blood Bank, Inc.

Source Plasma

1834 ADMA Bio Centers Georgia Inc.
 0190 American National Red Cross (The)
 1881 B Positive National Blood Services
 0166 Belle Bonfils Memorial Blood Center
 0785 Bio-Blood Components, Inc.
 1672 Bio-Save Resources of Albuquerque LLC
 1640 BioLife Plasma Services L.P.
 0856 Biological Specialty Corporation
 1654 Biomat USA, Inc.
 1792 Biotest Pharmaceuticals Corporation
 0568 Blood and Plasma Research, Inc.
 0747 Blood Assurance, Inc.
 0361 Blood Bank of Alaska, Inc.
 1249 Blood Centers of the Pacific
 0183 Blood Systems, Inc.
 1719 BloodCenter of Wisconsin, Inc.
 1776 BloodSource, Inc.
 1678 Bowling Green Biologicals LLC
 1999 BPL Plasma, Inc.
 1619 BSC II
 1852 Cangene Plasma Resources, Inc.
 1274 Carter BloodCare
 0394 Community Blood Center
 0302 Community Blood Center of Greater Kansas City
 0866 Community Blood Center, Inc.
 1843 Community Blood Centers of Florida, Inc.

0439 Continental Services Group, Inc.
 1823 CSL Plasma Inc.
 1788 DCI Biologicals Austin, LLC
 1663 DCI Biologicals Bryan LLC
 1679 DCI Biologicals Carbondale LLC
 1665 DCI Biologicals Dunedin LLC
 1671 DCI Biologicals Flagstaff LLC
 1662 DCI Biologicals Greenville LLC
 1676 DCI Biologicals Hot Springs LLC
 1674 DCI Biologicals Jonesboro LLC
 1670 DCI Biologicals Little Rock LLC
 1666 DCI Biologicals Nacogdoches LLC
 1664 DCI Biologicals Orlando LLC
 1784 DCI Biologicals San Marcos, LLC
 1693 DCI Biologicals Temple Terrace LLC
 1657 DCI Biologicals Texarkana LLC
 1661 DCI Biologicals Wichita Falls LLC
 1660 DCI Biologicals Wilmington LLC
 1680 DCI Plasma Center of Duluth LLC
 1840 GCAM, Inc.
 0300 General Hospital Corporation (The)
 0639 Gulf Coast Regional Blood Center
 1838 Hemarus LLC
 0235 Hoxworth Blood Center University of Cincinnati Medical
 Center
 1149 HRF, Inc.
 2000 Immunotek Bio Centers, LLC
 0305 Interstate Blood Bank, Inc. of Chicago, Illinois
 0268 Interstate Blood Bank, Inc. of Missouri
 0444 Interstate Blood Bank, Inc. of PA
 0497 Interstate Blood Bank, Inc. of Wisconsin
 1876 KEDPlasma LLC
 1161 Knoxville Plasma Corporation
 1673 Las Cruces Biologicals LLC
 1846 LifeServe Blood Center
 0237 LifeShare Blood Centers
 0465 New York Blood Center, Inc.
 0230 Northern California Community Blood Bank
 0249 Northern Illinois Blood Bank, Inc.
 1817 Octapharma Plasma, Inc.
 1875 OneBlood, Inc.
 0982 Plasma Biological Services, LLC
 1050 PlasmaLab International
 1675 Portland Biologicals LLC
 2036 ProMetic Plasma Resources Inc.
 0201 San Diego Blood Bank
 1193 Saturn Biomedical, Inc.
 1874 Scantibodies Biologics, Inc.
 1583 Southern Blood Services, Inc.
 1668 Stillwater Plasma Center LLC
 1757 Talecris Plasma Resources, Inc.
 0170 West Tennessee Regional Blood Center, Inc.
 1677 Westgate Biologicals LLC
 1667 Yale Blood Plasma LLC

Sweet Vernal, Orchard, Perennial Rye, Timothy, and Kentucky Blue Grass
Mixed Pollens Allergen Extract

1893 Stallergenes, S.A.

Talimogene laherparepvec

1080 Amgen, Inc.

Tetanus Immune Globulin (Human)

1871 Grifols Therapeutics Inc.

Tetanus Toxoid Concentrate (For Further Manufacturing Use)

1617 GlaxoSmithKline Biologicals

1255 Statens Serum Institut

Tetanus Toxoid, Reduced Diphtheria Toxoid and Acellular Pertussis
Vaccine, Adsorbed

1617 GlaxoSmithKline Biologicals

1726 Sanofi Pasteur Limited

Tetanus and Diphtheria Toxoids Adsorbed

1779 MassBiologics

1726 Sanofi Pasteur Limited

Therapeutic Exchange Plasma

0190 American National Red Cross (The)

0856 Biological Specialty Corporation

0302 Community Blood Center of Greater Kansas City

0884 Hartford Hospital

1141 HemaCare Corporation

Thin-Layer Rapid Use Epicutaneous Patch Test

1888 SmartPractice Denmark ApS

Thrombin (Human) (For Further Manufacturing Use)

2020 Baxalta US Inc.

1765 CSL Behring GmbH

Thrombin (Recombinant) (For Further Manufacturing Use)

2058 Mallinckrodt Pharma IP Trading DAC

Thrombin topical (Recombinant)

2058 Mallinckrodt Pharma IP Trading DAC

Thrombin, Topical (Bovine)

0977 GenTrac, Inc.

Thrombin, Topical (Human)

1603 Omrix Biopharmaceuticals Ltd

Timothy Grass Pollen Allergen Extract

0002 Merck Sharp & Dohme Corp.

Trypanosoma cruzi (E. coli, Recombinant) Antigen

0043 Abbott Laboratories

Trypanosoma cruzi (T. cruzi) Whole Cell Lysate Antigen

1236 Ortho-Clinical Diagnostics, Inc.

Tuberculin, Purified Protein Derivative

1997 Par Pharmaceutical Companies, Inc.

1726 Sanofi Pasteur Limited

Typhoid Vaccine Live Oral Ty21a

2015 PaxVax berna GmbH

Typhoid Vi Polysaccharide Vaccine

1724 Sanofi Pasteur SA

Vaccinia Immune Globulin Intravenous (Human)

1201 Cangene Corporation

Varicella Virus Vaccine Live

0002 Merck Sharp & Dohme Corp.

Varicella Zoster Immune Globulin (Human)

2054 Aptevio BioTherapeutics LLC

Venoms, Honey Bee Venom

1292 ALK - Abello A/S

1272 Jubilant HollisterStier LLC

Venoms, Mixed Vespid Venom Protein

1292 ALK - Abello A/S

1272 Jubilant HollisterStier LLC

Venoms, Wasp Venom Protein

1292 ALK - Abello A/S

1272 Jubilant HollisterStier LLC

Venoms, White Faced Hornet Venom Protein

1292 ALK - Abello A/S

1272 Jubilant HollisterStier LLC

Venoms, Yellow Hornet Venom Protein

1292 ALK - Abello A/S

1272 Jubilant HollisterStier LLC

Venoms, Yellow Jacket Venom Protein

1292 ALK - Abello A/S

1272 Jubilant HollisterStier LLC

West Nile Virus (WNV/Nucleic Acid Pooled Testing/Synthetic)

2037 Hologic, Inc.

1636 Roche Molecular Systems, Inc.

West Nile Virus Nucleic acid test for use in the cobas 6800/8800
Systems

1636 Roche Molecular Systems, Inc.

Whole Blood

0809 Altru Health System
0190 American National Red Cross (The)
1732 AnMed Health
0222 Aurora Area Blood Bank
1293 Avera McKennan Hospital & University Health Center
0166 Belle Bonfils Memorial Blood Center
0274 Bergen Community Regional Blood Center
0747 Blood Assurance, Inc.
0361 Blood Bank of Alaska, Inc.
1707 Blood Bank of Delmarva, Inc.
0199 Blood Bank of Hawaii
0226 Blood Bank of San Bernardino and Riverside Counties
0354 Blood Center (The)
1684 Blood Center of Northcentral Wisconsin, Inc.
1249 Blood Centers of the Pacific
1605 Blood Connection, Inc. (The)
0183 Blood Systems, Inc.
1719 BloodCenter of Wisconsin, Inc.
1776 BloodSource, Inc.
2042 Bloodworks
1274 Carter BloodCare
0234 Central Blood Bank
0315 Central California Blood Center
0602 Central Jersey Blood Center
1878 Central Shared Services, LLC
0244 Central Texas Regional Blood and Tissue Center
1637 Coastal Bend Blood Center
0246 Coffee Memorial Blood Center, Inc.
0983 Community Blood Bank of Erie County
0695 Community Blood Bank of Lancaster County Medical Society
0394 Community Blood Center
0302 Community Blood Center of Greater Kansas City
1774 Community Blood Center of the Carolinas
1276 Community Blood Center of the Ozarks
0866 Community Blood Center, Inc.
1843 Community Blood Centers of Florida, Inc.
1247 Community Blood Council of New Jersey, Inc.
0439 Continental Services Group, Inc.
1590 Coral Blood Services
0288 Delta Blood Bank
0610 Department of the Air Force
0611 Department of the Army
0635 Department of the Navy

1890 DLP Marquette General Hospital, LLC
0300 General Hospital Corporation (The)
0639 Gulf Coast Regional Blood Center
0454 HCSC-Blood Center
1141 HemaCare Corporation
1835 Houchin Community Blood Bank
0235 Hoxworth Blood Center University of Cincinnati Medical
Center
1759 Indiana Blood Center
0203 Inland Northwest Blood Center
1895 Innovative Blood Resources
0365 Inova Health Care Services
0173 Interstate Blood Bank, Inc.
0305 Interstate Blood Bank, Inc. of Chicago, Illinois
1836 Kentucky Blood Center, Inc.
0304 Lane Memorial Blood Bank
0406 Las Americas Laboratory and Blood Bank, Inc.
1846 LifeServe Blood Center
0237 LifeShare Blood Centers
1705 LifeShare Community Blood Services
1025 LifeSource
1647 LifeSouth Community Blood Centers, Inc.
1126 Mary Greeley Medical Center
0209 Maxwell Blood Bank, The Children's Memorial Hospital
0688 Medic, Inc.
1839 Michigan Blood
0841 Mid-South Regional Blood Center
0817 Mississippi Blood Services, Inc.
0366 Mississippi Valley Regional Blood Center
1065 Murray-Calloway County Public Hospital Corp.
0465 New York Blood Center, Inc.
1731 NIH Clinical Center
1692 North Country Regional Blood Center
0230 Northern California Community Blood Bank
0249 Northern Illinois Blood Bank, Inc.
0766 Oklahoma Blood Institute
1875 OneBlood, Inc.
1061 Regional Medical Center of Hopkins County
1147 Regional West Medical Center
0748 Rex Hospital, Inc.
1786 Rhode Island Blood Center
0201 San Diego Blood Bank
1772 Sanford Medical Center
1210 Sitka Community Hospital
0248 South Bend Medical Foundation, Inc.
0678 South Texas Blood and Tissue Center
0403 St. Joseph Medical Center, Inc.
0837 St. Luke's Hospital of New Bedford
1602 St. Mary's Hospital and Medical Center, Inc.
1288 Suncoast Communities Blood Bank, Inc.
0202 Tacoma-Pierce County Blood Bank
0952 Tennessee Blood Services Corp.
1053 Texoma Regional Blood Center
1706 Tri-Counties Blood Bank

1229 United States Blood Bank, Inc.
0874 University of Texas System Cancer Center (The)
1805 Upstate New York Transplant Services, Inc.
0661 Virginia Blood Services
0881 Walter L. Sheppard Community Blood Center, Inc.
1246 Wellmont Health System
0170 West Tennessee Regional Blood Center, Inc.
0768 Western Kentucky Regional Blood Center
1266 Winter Haven Hospital, Inc.

Yellow Fever Vaccine

1725 Sanofi Pasteur Inc.

Zoster Vaccine Live

0002 Merck Sharp & Dohme Corp.

autologous cultured chondrocytes on porcine collagen membrane

2010 Vericel Corporation

sipuleucel-T

1749 Dendreon Corporation

von Willebrand Factor/Coagulation Factor VIII Complex (Human)

1646 Octapharma Pharmazeutika Produktionsges.m.b.H.

von Willebrand factor (Recombinant)

2020 Baxalta US Inc.