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DIAGAST CONCENTRATE AHG FFMU

ANTI-IGG ANTI-C3D ANTI-IGG,-C3D



COMPOSITION

These products are raw materials intended for further manufacturing use in final blood grouping reagent (in-vitro diagnostic medical devices). They are not intended for direct use on in-vitro diagnostic.

They contain sodium azide (< 0.1 %) and sodium arsenite (0.02 %). The products are prepared from polyclonal anti-human globulin antibodies derived from immune rabbit sera and or monoclonal antibodies derivatives from in vitro culture supernatants of hybridomas of murine origin.

Reference	Designation	Clone	Type	Origin	
70916	ANTI-C3D CONCENTRATE FFMU	12011D10	IgM	Murin	
70919	ANTI-IGG CONCENTRATE FFMU	Polyclonal	IgG	Rabbit	U.S. License No. 1744
70920	ANTI-IGG,-C3D CONCENTRATE FFMU	12011D10	IgM	Murin	
		Polyclonal	IgG	Rabbit	

- AHG ANTI-IGG recognizes IgG antibodies.
- AHG ANTI-C3D only recognizes the complement fragment C3d and, consequently, do not react with component C4.
- AHG POLYSPECIFIC, in addition to recognizing IgG antibodies, is able to recognize IgM antibodies on the surface of red blood cells since IgM antibodies always fix complement *in vivo* (and in vitro if the reaction occurs in the presence of complement).

STORAGE

These products are to be stored between +2 °C and +8 °C.

TEST BLOOD SAMPLE

The blood sample is collected in EDTA, heparin or citrate anticoagulant.

At the time of testing, the blood sample is centrifuged at 1200 g for 3 minutes.

TESTING PROCEDURE

- Anti-IgG activity testing: Prepare a 2 % suspension of antibody sensitized red blood cells in isotonic saline solution (NaCl 0.9 %).
 - Anti-C3d activity testing: Prepare a 3 % suspension of C3d complement sensitized red blood cells in Phosphate Buffer Saline (PBS).
- Deposit 50 µL of reagent into a tube.
 - Add 50 µL of red blood cell suspension.
 - Shake to homogenize the mixture, then centrifuge at 300 g for 1 minute.
 - Gently agitate the tube in such a way as to detach the cell pellet while macroscopically observing the possible appearance of agglutinates.
 - Read the reactions immediately.

Manufactured by: **DIAGAST 251 AVENUE EUGENE AVINEE 59120 LOOS – FRANCE**

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