August 2, 2021

Notice of Intent to Sole Source

Eurofins Panlabs, Inc.

FDA_1245285

The Food and Drug Administration (FDA) intends to award a Sole Source firm-fixed price purchase order to Eurofins Panlabs, Inc., 6 Research Park Drive, Saint Charles, Missouri 63304. In accordance with FAR Part 13.106-1(b), (b) Soliciting from a single source. (1) For purchases not exceeding the simplified acquisition threshold. (i) Contracting officers may solicit from one source if the contracting officer determines that the circumstances of the contract action deem only one source reasonably available (e.g., urgency, exclusive licensing agreements, brand-name or industrial mobilization).

The purpose of this notice is to inform the public that the FDA anticipates issuing a purchase order to Eurofins Panlabs, Inc. for services to test two (2) food chemicals on a panel of no less than 87 biological targets.

MINIMUM REQUIREMENTS:

The contractor shall receive two chemical compounds for screening on the 87 biological targets.

The contractor shall perform assays for each compound at a single concentration (5 or 10 μM), in duplicate, on the following 87 safety-related biological targets:

- 5-HT1A Human Serotonin GPCR Radioligand Binding Assay
- 5-HT1B Human Serotonin GPCR Radioligand Binding Assay
- 5-HT2A Human Serotonin GPCR Radioligand Binding Assay
- 5-HT2B Human Serotonin GPCR [3H]LSD Radioligand Binding Assay
- 5-HT2C Human Serotonin GPCR Radioligand Binding Assay
- A1 Human Adenosine GPCR Radioligand Binding Assay
- A2A Human Adenosine GPCR Radioligand Binding Assay
- alpha1A Human Adrenoceptor GPCR Radioligand Binding Assay
- alpha1B Human Adrenoceptor GPCR Radioligand Binding Assay
- alpha1D Human Adrenoceptor GPCR Radioligand Binding Assay
- alpha2A Human Adrenoceptor GPCR Radioligand Binding Assay
- alpha2B Human Adrenoceptor GPCR Radioligand Binding Assay
- AT1 Human Angiotensin GPCR Radioligand Binding Assay
- B2 Human Bradykinin GPCR Radioligand Binding Assay
- beta1 Human Adrenoceptor GPCR Radioligand Binding Assay
- beta2 Human Adrenoceptor GPCR Radioligand Binding Assay
- CB1 Human Cannabinoid GPCR Radioligand Binding Assay
- CB2 Human Cannabinoid GPCR Radioligand Binding Assay
- CCK1 (CCKA) Human Cholecystokinin GPCR Radioligand Binding Assay
- CCK2 (CCKB) Human Cholecystokinin GPCR Radioligand Binding Assay
- CCR1 Human Chemokine GPCR Radioligand Binding Assay
- CXCR2 (IL-8RB) Human Chemokine GPCR Radioligand Binding Assay
- CysLT1 Human Leukotriene GPCR Radioligand Binding Assay
- D1 Human Dopamine GPCR Radioligand Binding Assay

- D2L Human Dopamine GPCR Radioligand Binding Assay
- D2S Human Dopamine GPCR Radioligand Binding Assay
- delta (DOP) Human Opioid GPCR Radioligand Binding Assay
- ETA Human Endothelin GPCR Radioligand Binding Assay
- H1 Human Histamine GPCR Radioligand Binding Assay
- H2 Human Histamine GPCR Radioligand Binding Assay
- kappa (KOP) Human Opioid GPCR Radioligand Binding Assay
- M1 Human Acetylcholine (Muscarinic) GPCR Radioligand Binding Assay
- M2 Human Acetylcholine (Muscarinic) GPCR Radioligand Binding Assay
- M3 Human Acetylcholine (Muscarinic) GPCR Radioligand Binding Assay
- M4 Human Acetylcholine (Muscarinic) GPCR Radioligand Binding Assay
- MC1 Human Melanocortin GPCR Radioligand Binding Assay
- MC4 Human Melanocortin GPCR Radioligand Binding Assay
- mGlu5 Human Glutamate (Metabotropic) GPCR Radioligand Binding Assay
- mu (MOP) Human Opioid GPCR Radioligand Binding Assay
- NK1 Human Tachykinin GPCR Radioligand Binding Assay
- PAF Human Platelet-Activating Factor GPCR Radioligand Binding Assay
- V1A Human Vasopressin / Oxytocin GPCR Radioligand Binding Assay
- Y1 Human Neuropeptide Y GPCR Radioligand Binding Assay
- 5-HT3 Human Serotonin Ion Channel Radioligand Binding Assay
- Cav1.2 (L-type) Rat Calcium Ion Channel Binding (Dihydropyridine Site) Assay
- Cav1.2 (L-type) Rat Calcium Ion Channel Binding (Diltiazem Site) Assay
- Cav1.2 (L-type) Rat Calcium Ion Channel Binding (Verapamil Site) Assay
- Cav2.2 (N-type) Rat Calcium Ion Channel Radioligand Binding Assay
- Glutamate (AMPA, Non-Selective) Rat Ion Channel [3H] AMPA Binding Assay
- Glutamate (Kainate, Non-Selective) Rat Ion Channel [3H] Kainic acid Binding Assay
- Glutamate (NMDA, Non-Selective) Rat Ion Channel [3H] CGP-39653 Binding Assay
- Glutamate (NMDA, Non-Selective) Rat Ion Channel [3H] Ifenprodil Binding Assay
- Glutamate (Non-Selective) Rat Ion Channel [3H] TCP Binding Assay
- Glutamate, NMDA, Glycine [3H] MDL 105,519 Binding Assay
- hERG Human Potassium Ion Channel Radioligand Binding Assay
- KATP Hamster Potassium Ion Channel Radioligand Binding Assay
- nAChR (alpha1) Human Ion Channel Radioligand Binding Assay
- nAChR (alpha3/beta4) Human Ion Channel Radioligand Binding Assay
- Non-Selective Rat GABAA Ion Channel [3H] Flunitrazepam Radioligand Binding Assay
- Non-Selective Rat GABAA Ion Channel [3H] Ro-15-1788 Binding (Hippocampus) Assay
- Non-Selective Rat GABAA Ion Channel [3H] TBOB Radioligand Binding Assay
- Non-Selective Rat Glycine Ion Channel [3H] Strychnine Binding Assay
- Non-Selective Rat Sodium Ion Channel [3H] Batrachotoxinin Binding (Site 2) Assay
- IR Human RTK Kinase Enzymatic Radiometric Assay
- Lck Human TK Kinase Enzymatic Radiometric Assay
- PKCalpha Human PKC Kinase Enzymatic Radiometric Assay
- COX1 Human Cyclooxygenase Enzymatic Assay
- COX2 Human Cyclooxygenase Enzymatic Assay
- Acetylcholinesterase Human Enzymatic Assay
- Monoamine Oxidase A (MAO-A) Human Enzymatic Assay

- Monoamine Oxidase B (MAO-B) Human Enzymatic Assay
- AR Human Androgen NHR Radioligand Binding Assay
- ERalpha Human Estrogen NHR Radioligand Binding Assay
- GR Human Glucocorticoid NHR Radioligand Binding Assay
- PPARgamma Human NHR Radioligand Binding Assay
- PR Human Progesterone NHR Radioligand Binding Assay
- PDE3 (Non-Selective) Human Phosphodiesterase Enzymatic Assay
- PDE4D2 Human Phosphodiesterase Enzymatic Assay
- ACE Rabbit Angiotensin-Converting Metallo Peptidase Enzymatic Assay
- Cathepsin G Human Chymotrypsin Serine Peptidase Enzymatic Assay
- Adenosine Guinea Pig Transporter Radioligand Binding Assay
- ATPase, Na+/K+, Heart, Pig
- DAT Human Dopamine Transporter Radioligand Binding Assay
- GABA (Non-Selective) Rat Transporter Radioligand Binding Assay
- NET Human Norepinephrine Transporter Radioligand Binding Assay
- SET Human Serotonin Transporter Radioligand Binding Assay

The contractor shall determine binding or inhibition (% relative to control) for each duplicate measurement from all target assays. The Contractor shall provide the data in an electronic format (e.g., HTML, Excel, Word, or PDF document) to the Technical Point of Contact (TPOC) not later than one month after completing the screening.

The contractor shall include in the data all experimental protocols for each target assay including the identity of all reagents, buffers, concentrations, temperatures, incubation times, equipment, consumables, etc.

Deliverables

Deliverable #	Title	Format	Due date	Recipients
1	Provide data from screening compounds	Electronic file (HTML, Excel, Word, or PDF document)	30 days after receiving compound	COR and TPOC
2	Provide experimental protocols used in screening	Electronic file (HTML, Excel, Word, or PDF document)	30 days after receiving compound	COR and TPOC

This notice is not a request for competitive proposals. However, any party that believes it can meet this requirement as stated herein may submit a written capability statement that clearly supports and demonstrates their ability to perform the requirement.

Capability statements must be received by the response date and time of this notice. Submissions will be reviewed to determine if they can meet the requirement. A determination by the Government to compete this proposed contract based upon responses to this notice is solely within the discretion of the Government.

It is anticipated that an award will be issued to Eurofins Panlabs, Inc., within approximately ten (10) days after the date of this notice unless the Government determines that any other organization has the capability to meet this requirement.

Response Date: August 9, 2021 by 5:00PM Eastern Time. Please email responses to Elena Tatarov at elena.tatarov@fda.hhs.gov. No phone calls will be accepted.