

# NEUROSCIENCE MARKERS



Biomarkers have been defined as biomolecules useful for indicating the onset or progression of biological processes or the effects of treatment.

Suitable biomarkers for neurological damage or disorders should be specific for neural tissue and relatively easy to measure in body fluids. Ideally, suitable neuromarkers vary with the degree of nervous system pathologies and show a high sensitivity and specificity for the prediction of short-term and/or long-term outcomes. A large number of neuroproteins is currently known and many of them are under investigation. Some of them can reflect generalized dysfunction of blood-brain barrier. At least in some cases, it can be expected that panels of biomarkers will improve diagnostic assessment.

The portfolio of neurological markers from BioVendor is continuously being expanded, enabling neurologists to investigate important molecules in emerging and rapidly growing areas of research.

## IMMUNOASSAYS

Cat. No.	Description	Assay Format	Sample Type
RD191036200R	<b>Adipocyte FABP Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Serum, Plasma
RD291036200R	<b>Adipocyte FABP Mouse ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Serum
RD192072200R	<b>GFAP Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Serum, Plasma, CSF
RD191009100	<b>Cystatin C Human ELISA</b>	Sandwich ELISA, HRP-labelled antibody	Serum, Plasma, Urine, Cerebrospinal fluid
RD491009100R	<b>Cystatin C Canine ELISA</b>	Sandwich ELISA, HRP-labelled antibody	Serum, Urine
RD291009200R	<b>Cystatin C Mouse ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Serum
RD220009	<b>Cystatin C Mouse PENTASET</b>	ELISA development kit	Cell culture medium, ELISA, Others, Plasma, Serum
RD391009200R	<b>Cystatin C Rat ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Serum

## NEUROSCIENCE MARKERS

Cat. No.	Description	Assay Format	Sample Type
RD320009	<b>Cystatin C Rat PENTASET</b>	ELISA development kit	Cell culture medium, ELISA, Others, Plasma, Serum
RD191309200R	<b>Ganglioside GM2 Activator Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Plasma, Serum, Urine
RD191407100R	<b>Haptoglobin Human ELISA</b>	Sandwich ELISA, HRP-labelled antibody	Cerebrospinal fluid, Plasma (citrate, EDTA, heparin), Serum, Urine
RD191439100CS	<b>Matrix Metalloproteinase-9 (MMP-9) Human ELISA</b>	Sandwich ELISA, HRP-labelled antibody	Serum, Plasma (EDTA, heparin), Urine, Saliva
RD191227200R	<b>Nesfatin-1 Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Serum, Plasma (EDTA, heparin, citrate)
RD191276200R	<b>Neudesin Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Amniotic fluid, Cerebrospinal fluid, Plasma (EDTA, Heparin), Serum
RD191326200R	<b>Neuroserpin Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Cerebrospinal fluid, Serum, Plasma
RD191446200R	<b>Osteopontin Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Cerebrospinal fluid, Milk, Serum, Plasma, Urine
RD191138300R	<b>Phosphorylated Neurofilament H Human ELISA</b>	Sandwich ELISA, HRP-labelled antibody	Serum, Plasma, CSF, Tissue extract
RMEE103R	<b>Progranulin Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Serum, Plasma
RAG014R	<b>Progranulin Mouse ELISA</b>	Sandwich ELISA, HRP-labelled antibody	Serum, Cell culture supernatant
RAG015R	<b>Progranulin Rat ELISA</b>	Sandwich ELISA, HRP-labelled antibody	Serum, Cell culture supernatant
RD191113100R	<b>Prostaglandin D Synthase (Lipocalin-type) Human ELISA</b>	Sandwich ELISA, HRP-labelled antibody	Serum, Plasma, Urine, CSF
RD191215200R	<b>S100A6 Human ELISA (Multispecies specificity)</b>	Sandwich ELISA, Biotin-labelled antibody	Serum, Plasma (heparin), Urine, Bronchoalveolar lavage, Tissue extract, CSF
RD192090100R	<b>S100B Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Serum, Plasma (heparin), Cell culture medium, CSF
RD191120200R	<b>Secretagogin Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Serum, Plasma (EDTA)
RD191116200R	<b>sRAGE Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Serum, Plasma
RD191397200CS	<b>Synuclein Gamma Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Serum, Plasma, Urine
RD191119200R	<b>VILIP-1 Human ELISA</b>	Sandwich ELISA, Biotin-labelled antibody	Serum, Plasma, Tissue extract, CSF

## PROTEINS

Cat. No.	Name	Species	Type	Source
RD172318100	<b>Alpha-Dystroglycan N-Terminal Domain</b>	Human	Recombinant	<i>E. coli</i>
RD172249100	<b>Brain FABP</b>	Human	Recombinant	<i>E. coli</i>
RD172009100-H	<b>Cystatin C</b>	Human	Recombinant	<i>E. coli</i>
RD172009100	<b>Cystatin C</b>	Human	Native	Human urine
RD472009100	<b>Cystatin C</b>	Canine	Recombinant	<i>E. coli</i>
RD272009100	<b>Cystatin C</b>	Mouse	Recombinant	<i>E. coli</i>
RD372009100	<b>Cystatin C</b>	Rat	Recombinant	<i>E. coli</i>
RD172250100	<b>Myelin FABP</b>	Human	Recombinant	<i>E. coli</i>

## NEUROSCIENCE MARKERS

Cat. No.	Name	Species	Type	Source
RD172227100	<b>Nesfatin-1</b>	Human	Recombinant	<i>E. coli</i>
RD172276100	<b>Neudesin</b>	Human	Recombinant	<i>E. coli</i>
RD172358100	<b>Neuritin</b>	Human	Recombinant	<i>E. coli</i>
RD172043100	<b>Neuroglobin</b>	Human	Recombinant	<i>E. coli</i>
RD172043025	<b>Neuroglobin</b>	Human	Recombinant	<i>E. coli</i>
RD172043100-B	<b>Neuroglobin</b>	Human	Recombinant	<i>E. coli</i>
RD172238100	<b>Oncomodulin-1</b>	Human	Recombinant	<i>E. coli</i>
RD172170100	<b>Osteoactivin/GPNMB</b>	Human	Recombinant	HEK293
RD172446100	<b>Osteopontin</b>	Human	Recombinant	HEK293
RD172113100	<b>Prostaglandin D Synthase (Lipocalin-type)</b>	Human	Recombinant	<i>E. coli</i>
RD172257100	<b>Regucalcin</b>	Human	Recombinant	<i>E. coli</i>
RD172208025	<b>S100A1</b>	Human	Recombinant	<i>E. coli</i>
RD172208100	<b>S100A1</b>	Human	Recombinant	<i>E. coli</i>
RD172215100	<b>S100A6</b>	Human	Recombinant	<i>E. coli</i>
RD172225100	<b>S100G</b>	Human	Recombinant	<i>E. coli</i>
RD172120100	<b>Secretagögin</b>	Human	Recombinant	<i>E. coli</i>
RD372120100	<b>Secretagögin</b>	Rat	Recombinant	<i>E. coli</i>
RD172116025-HEK	<b>Soluble Advanced Glycation End Product-Specific Receptor</b>	Human	Recombinant	HEK293
RD172116100	<b>sRAGE</b>	Human	Recombinant	<i>E. coli</i>
RD172116100-HEK	<b>sRAGE</b>	Human	Recombinant	HEK293
RD172310100	<b>Tubulin Polymerization-Promoting Protein</b>	Human	Recombinant	<i>E. coli</i>
RD172119100	<b>VILIP-1</b>	Human	Recombinant	<i>E. coli</i>

# NEUROSCIENCE MARKERS

## ANTIBODIES

Cat. No.	Description	Spec. React.	Type	Antigen
RD181009100	<b>Cystatin C</b>	Human	Rabbit PAb	<i>E. coli</i>
RD184009100	<b>Cystatin C</b>	Human	Sheep PAb	<i>E. coli</i>
RD181009220-01	<b>Cystatin C</b>	Human	Rabbit PAb	Human urine
RD184009220	<b>Cystatin C</b>	Human	Sheep PAb	Human urine
RD481009100	<b>Cystatin C</b>	Canine	Rabbit PAb	<i>E. coli</i>
RD484009100	<b>Cystatin C</b>	Canine	Sheep PAb	<i>E. coli</i>
RD281009100	<b>Cystatin C</b>	Mouse	Rabbit PAb	<i>E. coli</i>
RD284009100	<b>Cystatin C</b>	Mouse	Sheep PAb	<i>E. coli</i>
RD384009100	<b>Cystatin C</b>	Rat	Sheep PAb	<i>E. coli</i>
RD184227100	<b>Nesfatin-1</b>	Human	Sheep PAb	<i>E. coli</i>

### › Contact Information



**BioVendor – Laboratorní medicína a.s.**  
Karasek 1767/1, 621 00 Brno, Czech Republic  
Phone: +420 549 124 185, Fax: +420 549 211 460  
E-mail: info@biovendor.com

**BioVendor GmbH**  
Otto-Hahn-Straße 16, 34123 Kassel, Germany  
Phone: +49 6221 4339 100, Fax: +49 6221 4339 111  
E-mail: infoEU@biovendor.com

**BioVendor GesmbH**  
Gaudenzdorfer Gürtel 43-45, 1120 Vienna, Austria  
Phone: +43 1 890 9025, Fax: +43 1 890 5163  
E-mail: infoAustria@biovendor.com

**BioVendor, LLC**  
128 Bingham Rd., Suite 1300, Asheville, NC 28806, USA  
Phone: +1-800-404-7807, Phone: +1-828-575-9250  
Fax: +1-828-575-9251, E-mail: infoUSA@biovendor.com

› [www.biovendor.com](http://www.biovendor.com)

Date of issue June 2017