

## Rat Neuroglobin, NGB ELISA Kit | NGB elisa kit

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CATALOG #  
**AAA41968**

REACTIVITY  
**Rat**

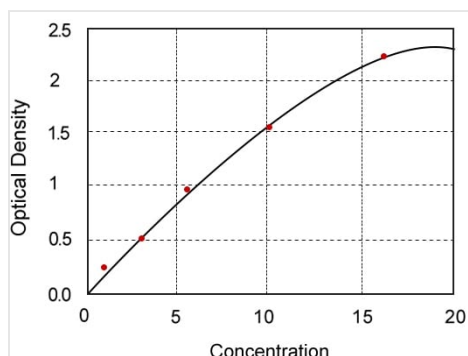
### PRODUCT SYNONYMS

Neuroglobin; NGB; Rat Neuroglobin; NGB ELISA Kit; NGB elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Rat                                                                      |
| Sequence Length         | 151                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 5pg/ml - 1000pg/ml                                                       |
| Sensitivity             | 2.42pg/ml                                                                |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for NGB elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Rat Neuroglobin (also known as NGB) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat NGB antibody. NGB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat NGB Antibody is added and binds to NGB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NGB antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat NGB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |             |
|----------------------------------|-------------|
| NCBI GI #                        | 10864065    |
| NCBI GeneID                      | 58157       |
| NCBI Accession #                 | NP_067080.1 |
| NCBI GenBank Nucleotide #        | NM_021257.3 |
| UniProt Accession #              | Q9NPG2      |
| Molecular Weight                 | 16,933 Da   |
| NCBI Official Full Name          | neuroglobin |
| NCBI Official Synonym Full Names | neuroglobin |
| NCBI Official Symbol             | NGB         |
| NCBI Protein Information         | neuroglobin |
| UniProt Protein Name             | Neuroglobin |
| UniProt Gene Name                | <b>NGB</b>  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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