

## Human Rhodopsin (RHO) ELISA Kit | RHO elisa kit

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CATALOG #  
**AAA67736**

REACTIVITY  
**Human**

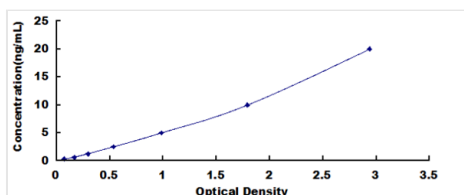
### PRODUCT SYNONYMS

Rhodopsin (RHO); Human Rhodopsin (RHO) ELISA Kit; OPN2; RP4; Opsin 2; Rod Pigment; Retinitis Pigmentosa 4; Visual Purple; RHO elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                      |
| Sequence Length         | 348                                                                                                                                                                                                        |
| Samples                 | Tissue homogenates, cell lysates and other biological fluids.                                                                                                                                              |
| Assay Type              | Sandwich                                                                                                                                                                                                   |
| Detection Range         | 0.312-20ng/mL                                                                                                                                                                                              |
| Sensitivity             | 0.118ng/mL                                                                                                                                                                                                 |
| Intra Assay             | CV<10%                                                                                                                                                                                                     |
| Inter Assay             | CV<12%                                                                                                                                                                                                     |
| Preparation and Storage | For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C. |

### IMAGES



Standard Curve (Sample)

### NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 4506527                |
| NCBI GeneID                      | 6010                   |
| NCBI Accession #                 | NP_000530.1            |
| NCBI GenBank Nucleotide #        | NM_000539.3            |
| UniProt Accession #              | P08100; Q16414; Q2M249 |
| Molecular Weight                 | 38,893 Da              |
| NCBI Official Full Name          | rhodopsin              |
| NCBI Official Synonym Full Names | rhodopsin              |

|                               |                    |
|-------------------------------|--------------------|
| NCBI Official Symbol          | RHO                |
| NCBI Official Synonym Symbols | RP4; OPN2; CSNBAD1 |
| NCBI Protein Information      | rhodopsin          |
| UniProt Protein Name          | Rhodopsin          |
| UniProt Gene Name             | <b>RHO</b>         |
| UniProt Synonym Gene Names    | OPN2               |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/rhodopsin-rho/67736>