

## Mouse Biliverdin reductase A (BLVRA) ELISA Kit | BLVRA elisa kit

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CATALOG #  
**AAA27248**

REACTIVITY  
**Mouse**

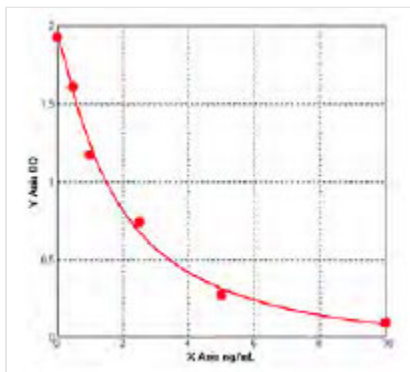
### PRODUCT SYNONYMS

Biliverdin reductase A (BLVRA); Mouse Biliverdin reductase A (BLVRA) ELISA Kit; BLVRA elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                        |
| Samples                 | Serum, Plasma                                                                                                                                                                                                                                                                |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                     |
| Sensitivity             | 0.1 mmol/L.                                                                                                                                                                                                                                                                  |
| Reactivity Note         | No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases. |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                          |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for BLVRA elisa kit | <p>Intended Uses: This Blood Glucose ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat Blood Glucose. This ELISA kit for research use only!</p> <p>Principle of the Assay: Blood Glucose ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-Blood Glucose antibody and an Blood Glucose-HRP conjugate. The assay sample and buffer are incubated together with Blood Glucose-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Blood Glucose concentration since Blood Glucose from samples and Blood Glucose-HRP conjugate compete for the anti-Blood Glucose antibody binding site. Since the number of sites is limited, as more sites are occupied by Blood Glucose from the sample, fewer sites are left to bind Blood Glucose-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Blood Glucose concentration in each sample is interpolated from this standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI GI #                        | 359465572                                                    |
| NCBI GeneID                      | 644                                                          |
| NCBI Accession #                 | NP_001240752.1                                               |
| NCBI GenBank Nucleotide #        | NM_001253823.1                                               |
| Molecular Weight                 | 33,428 Da                                                    |
| NCBI Official Full Name          | biliverdin reductase A                                       |
| NCBI Official Synonym Full Names | biliverdin reductase A                                       |
| NCBI Official Symbol             | BLVRA                                                        |
| NCBI Official Synonym Symbols    | BVR; BLVR; BVRA                                              |
| NCBI Protein Information         | biliverdin reductase A; BVR A; biliverdin-IX alpha-reductase |
| UniProt Protein Name             | Biliverdin reductase A                                       |
| UniProt Gene Name                | BLVRA                                                        |
| UniProt Synonym Gene Names       | BLVR; BVR; BVR A                                             |
| UniProt Entry Name               | BIEA_HUMAN                                                   |

**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.