

## Rat Transferrin receptor protein 2, TFR2 ELISA Kit | TFR2 elisa kit

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CATALOG #  
**AAA43323**

REACTIVITY  
**Rat**

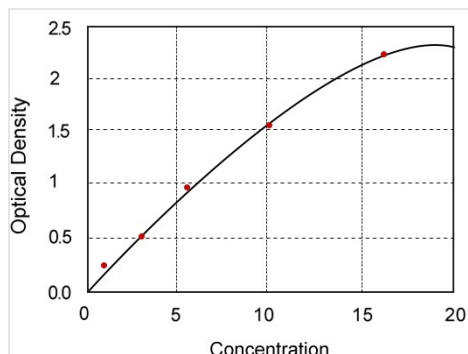
### PRODUCT SYNONYMS

Transferrin receptor protein 2; TFR2; Rat Transferrin receptor protein 2; TFR2 ELISA Kit; TFR2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Rat                                                                      |
| Sequence Length         | 630                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 5?g/ml - 1000?g/ml                                                       |
| Sensitivity             | 2.42?g/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 TFR2 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Rat Transferrin Receptor Protein 2 (also known as TFR2) 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 TFR2 antibody. TFR2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat TFR2 Antibody is added and binds to TFR2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TFR2 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 TFR2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 332309171                                      |
| NCBI GeneID                      | 7036                                           |
| NCBI Accession #                 | NP_001193784.1                                 |
| NCBI GenBank Nucleotide #        | NM_001206855.2                                 |
| UniProt Accession #              | Q9UP52; O75422; Q1HE13; Q9HA99; Q9NX67; A6NGM7 |
| Molecular Weight                 | 69,618 Da                                      |
| NCBI Official Full Name          | transferrin receptor protein 2 isoform 2       |
| NCBI Official Synonym Full Names | transferrin receptor 2                         |
| NCBI Official Symbol             | TFR2                                           |
| NCBI Official Synonym Symbols    | HFE3; TFRC2                                    |
| NCBI Protein Information         | transferrin receptor protein 2                 |
| UniProt Protein Name             | Transferrin receptor protein 2                 |
| UniProt Gene Name                | <b>TFR2</b>                                    |
| UniProt Synonym Gene Names       | TfR2                                           |

**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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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/transferrin-receptor-protein-2-tfr2/43323>