

## Human Receptor tyrosine-protein kinase erbB-2 (ERBB2) ELISA Kit | ERBB2 elisa kit

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CATALOG #  
**AAA43785**

REACTIVITY  
**Human**

### PRODUCT SYNONYMS

Receptor tyrosine-protein kinase erbB-2 (ERBB2); Human Receptor tyrosine-protein kinase erbB-2 (ERBB2) ELISA Kit; ERBB2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 1055                                                                     |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.1ng/ml - 38ng/ml                                                       |
| Sensitivity             | 0.043ng/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 ERBB2 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Receptor Tyrosine-protein Kinase ErbB-2 (also known as ERBB2) 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 human ERBB2 antibody. ERBB2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ERBB2 Antibody is added and binds to ERBB2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ERBB2 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 human ERBB2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 584277106                                              |
| NCBI GeneID                      | 2064                                                   |
| NCBI Accession #                 | NP_001276866.1                                         |
| NCBI GenBank Nucleotide #        | NM_001289937.1                                         |
| UniProt Accession #              | P04626; Q14256; Q6LDV1; Q9UMK4; B2RZG3; B4DHN3; X5D2V5 |
| Molecular Weight                 | 70,917 Da                                              |
| NCBI Official Full Name          | receptor tyrosine-protein kinase erbB-2 isoform d      |
| NCBI Official Synonym Full Names | erb-b2 receptor tyrosine kinase 2                      |
| NCBI Official Symbol             | ERBB2                                                  |
| NCBI Official Synonym Symbols    | NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/neu  |
| NCBI Protein Information         | receptor tyrosine-protein kinase erbB-2                |
| UniProt Protein Name             | Receptor tyrosine-protein kinase erbB-2                |
| UniProt Gene Name                | ERBB2                                                  |
| UniProt Synonym Gene Names       | HER2; MLN19; NEU; NGL; MLN 19                          |

**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/human-elisa-kits/receptor-tyrosine-protein-kinase-erbb-2-erbb2/43785>