

Human ERBB3 (Receptor tyrosine-protein kinase erbB-3) ELISA Kit | ERBB3 elisa kit

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CATALOG #
AAA250078

REACTIVITY
Human

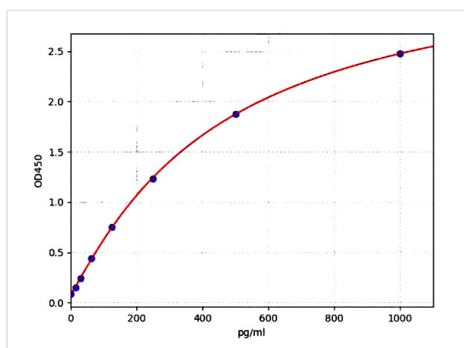
PRODUCT SYNONYMS

ERBB3 (Receptor tyrosine-protein kinase erbB-3); Human ERBB3 (Receptor tyrosine-protein kinase erbB-3) ELISA Kit; Receptor tyrosine-protein kinase erbB-3; Proto-oncogene-like protein c-ErbB-3; Tyrosine kinase-type cell surface receptor HER3; HER3; ERBB3; ERBB3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ERBB3. No significant cross-reactivity or interference between ERBB3 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ERBB3 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54792102
NCBI GeneID	2065
NCBI Accession #	NP_001005915.1
NCBI GenBank Nucleotide #	NM_001005915.1
UniProt Accession #	P21860; Q9BUD7; A8K6L6; B4DIK7; B4DV32; E9PDT8
Molecular Weight	148,098 Da
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-3 isoform s
NCBI Official Synonym Full Names	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)
NCBI Official Symbol	ERBB3
NCBI Official Synonym Symbols	HER3; LCCS2; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3
NCBI Protein Information	receptor tyrosine-protein kinase erbB-3; proto-oncogene-like protein c-ErbB-3; tyrosine kinase-type cell surface receptor HER3
UniProt Protein Name	Receptor tyrosine-protein kinase erbB-3
UniProt Gene Name	ERBB3
UniProt Synonym Gene Names	HER3
UniProt Entry Name	ERBB3_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.