

Human v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian) ELISA Kit | ERBB3 elisa kit

Human Receptor tyrosine-protein kinase erbB-3, ERBB3 ELISA Kit

CATALOG #
AAA112462

REACTIVITY
Human

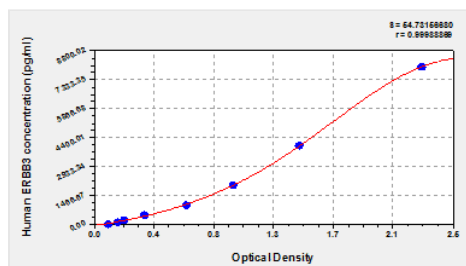
PRODUCT SYNONYMS

v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian); Human Receptor tyrosine-protein kinase erbB-3; ERBB3 ELISA Kit; Human Receptor tyrosine-protein kinase erbB-3 (ERBB3) ELISA kit; ErbB-3; HER3; LCCS2; MDA-BF-1; MGC88033; c-erbB-3; c-erbB3; erbB3-S; p180-ErbB3; p45-sErbB3; p85-sErbB3; erbB-3; receptor tyrosine-protein kinase erbB-3; v-erb-b2 avian erythroblastic leukemia viral o; ERBB3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ERBB3. No significant cross-reactivity or interference between human ERBB3 and analogues was observed.
Sequence Length	183
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	125 pg/ml-8000 pg/ml.
Sensitivity	The minimum detectable dose of human ERBB3 is typically less than 31.25 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ERBB3 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ERBB3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ERBB3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ERBB3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ERBB3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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 avian erythroblastic leukemia viral oncogene homolog 3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/erbb3-human-elisa-kits/v-erb-b2-erythroblastic-leukemia-viral-oncogene-homolog-3-avian/112462>