

Human v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) ELISA Kit | ERBB2 elisa kit

Human epidermal growth factor receptor 2, sp185/HER2 ELISA Kit

CATALOG #
AAA79812

REACTIVITY
Human

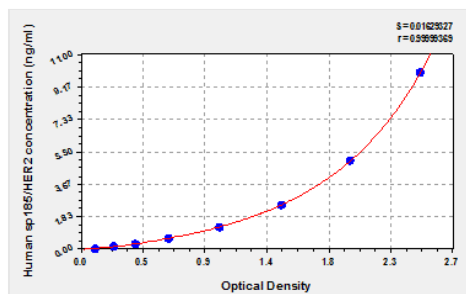
PRODUCT SYNONYMS

v-erb-b2 erythroblastic leukemia viral oncogene homolog 2; neuro/glioblastoma derived oncogene homolog (avian); Human epidermal growth factor receptor 2; sp185/HER2 ELISA Kit; Human epidermal growth factor receptor 2 (sp185/HER2) ELISA Kit; CD340; HER-2; HER-2/neu; HER2; NEU; NGL; TKR1; c-erb B2/neu protein; erbB-2; herstatin; neuroblastoma/glioblastoma derived oncogene homolog; v-erb-b2 avian erythroblastic leukemia viral oncogene homolog; ERBB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ERBB2. No significant cross-reactivity or interference between Human ERBB2 and analogues was observed.
Sequence Length	1225
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.04 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Transcription/Transcription regulation
Protein Biological Process 3	Transcription
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 ERBB2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for sp185/HER2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sp185/HER2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for sp185/HER2 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 sp185/HER2 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 #	54792098
NCBI GeneID	2064
NCBI Accession #	NP_001005862.1
NCBI GenBank Nucleotide #	NM_001005862.2
UniProt Accession #	P04626; Q14256; Q6LDV1; Q9UMK4; B2RZG3; B4DHN3; X5D2V5
Molecular Weight	137,910 Da
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-2 isoform b
NCBI Official Synonym Full Names	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 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; herstatin; p185erbB2; proto-oncogene Neu; c-erb B2/neu protein; proto-oncogene c-ErbB-2; metastatic lymph node gene 19 protein; neuro/glioblastoma derived oncogene homolog; tyrosine kinase-type cell surface receptor HER2; neuroblastoma/glioblastoma derived oncogene homolog; v-erb-b2 avian erythroblastic leukemia viral oncoprotein 2; v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog
UniProt Protein Name	Receptor tyrosine-protein kinase erbB-2
UniProt Gene Name	ERBB2
UniProt Synonym Gene Names	HER2; MLN19; NEU; NGL; MLN 19
UniProt Entry Name	ERBB2_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.

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Online datasheet: <https://stage.aaabiotech.com/erbb2-human-elisa-kits/v-erb-b2-erythroblastic-leukemia-viral-oncogene-homolog-2-neuro-glioblastoma-derived-oncogene-homolog-avian/79812>