

Human Receptor tyrosine-protein kinase erbB-2 ELISA Kit (2 plates)

Catalogue No.:	BEK-2194-2P
Description:	The human receptor tyrosine-protein kinase erbB-2 Kit is a sandwich ELISA. The capture antibody is a polyclonal human erbB-2 antibody pre-coated onto the 96-well strip plates provided in the kit. Test samples and standards of known erbB-2 concentration are added to these wells and allowed to complex with the bound erbB-2 antibody. A biotinylated human polyclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of erbB-2 present in the samples. The purpose of this kit is the in-vitro quantitative determination of human erbB-2 in samples such as sera, plasma, tissue lysates and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.
Batch No.:	See product labels
Other Names:	Metastatic lymph node gene 19 protein; MLN 19; Proto-oncogene Neu; Proto-oncogene c-ErbB-2; Tyrosine kinase-type cell surface receptor HER2; p185erbB2; CD340; ERBB2; HER2; MLN19; NEU; NGL;
Accession:	P04626 ERBB2_HUMAN;
Specificity:	Receptor tyrosine-protein kinase erbB-2
Storage:	Store at 2-8C
Kit components:	The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.
Range:	62.5 pg/mL - 4,000 pg/mL
Sensitivity:	< 10pg/ml
Kit protocol:	Please refer to our online product listing for current protocol/MSDS versions.

FOR RESEARCH USE ONLY