

Human Next To BRCA1 Gene 2 Protein (NBR2) ELISA Kit | NBR2 elisa kit

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CATALOG #
AAA331517

REACTIVITY
Human

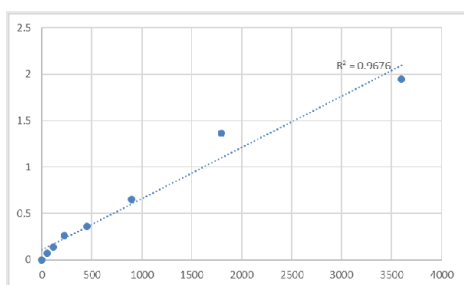
PRODUCT SYNONYMS

Next To BRCA1 Gene 2 Protein (NBR2); Human Next To BRCA1 Gene 2 Protein (NBR2) ELISA Kit; DKFZp686F081; MGC104305; NCRNA00192; NBR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Next to BRCA1 gene 2 protein (NBR2) ELISA Kit has high sensitivity and excellent specificity for detection of Human NBR2. No significant cross-reactivity or interference between Human NBR2 and analogues was observed.
Sequence Length	112
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Next to BRCA1 gene 2 protein (NBR2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NBR2 elisa kit	Description: This Human Next to BRCA1 gene 2 protein (NBR2) ELISA Kit employs a two-site sandwich ELISA to quantitate NBR2 in samples. An antibody specific for NBR2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NBR2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NBR2 is added to the wells. After washing, Streptavidin 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 NBR2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: NBR2 (Neighbor Of BRCA1 Gene 2 (Non-Protein Coding)) is an RNA Gene, and is affiliated with the non-coding RNA class. NBR2 was identified by its close proximity on chromosome 17 to tumor suppressor gene BRCA1. Experimental evidence indicates that the two genes share a bi-directional promoter. Transcription for either gene is controlled individually by distinct transcriptional repressor factors. A short (112 amino acid) open reading frame is observed which includes a region derived from a LINE1 element. A strong Kozak signal is not observed for the putative ORF and the stop codon is more than 55 nucleotides upstream of the last splice site for the transcript, suggesting that the transcript is subject to nonsense-mediated decay. Therefore, this gene does not appear to encode a protein. Glucose starvation induces the expression of this gene and the long non-coding RNA transcribed by it functions with AMP-activated protein kinase in mediating the energy stress response.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6093476
UniProt Accession #	O15453
NCBI Official Full Name	Next to BRCA1 gene 2 protein
UniProt Protein Name	Next to BRCA1 gene 2 protein
UniProt Gene Name	NBR2
UniProt Entry Name	NBR2_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/human-elisa-kits/next-to-brca1-gene-2-protein-nbr2/331517>