

Rabbit Engrailed Homeobox Protein 2 ELISA Kit | EN2 elisa kit

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CATALOG # AAA91058	REACTIVITY Rabbit
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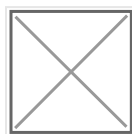
PRODUCT SYNONYMS

Engrailed Homeobox Protein 2; Rabbit Engrailed Homeobox Protein 2 ELISA Kit; EN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EN2 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This EN2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit EN2. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY EN2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-EN2 antibody and an EN2-HRP conjugate. The assay sample and buffer are incubated together with EN2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the EN2 concentration since EN2 from samples and EN2-HRP conjugate compete for the anti-EN2 antibody binding site. Since the number of sites is limited, as more sites are occupied by EN2 from the sample, fewer sites are left to bind EN2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EN2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for EN2 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	85397847
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NCBI GeneID	2020
UniProt Accession #	P19622 ; Q549U3 ; Q9UD58 ; A4D252
Molecular Weight	34,211 Da
NCBI Official Full Name	Engrailed homeobox 2
NCBI Official Synonym Full Names	engrailed homeobox 2
NCBI Official Symbol	EN2
NCBI Protein Information	homeobox protein engrailed-2; hu-En-2; engrailed homolog 2; homeobox protein en-2
UniProt Protein Name	Homeobox protein engrailed-2
UniProt Gene Name	EN2
UniProt Synonym Gene Names	Homeobox protein en-2; Hu-En-2
UniProt Entry Name	HME2_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/en2-rabbit-elisa-kits/engrailed-homeobox-protein-2/91058>