

Human engrailed homeobox 2 ELISA Kit | EN2 elisa kit

Human Homeobox protein engrailed-2, EN2 ELISA Kit

CATALOG #
AAA15853

REACTIVITY
Human

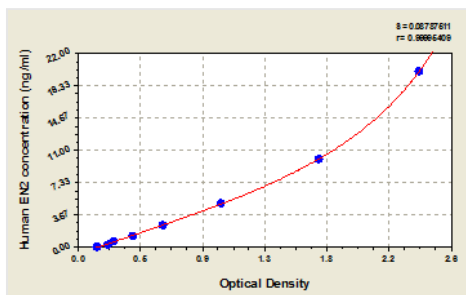
PRODUCT SYNONYMS

engrailed homeobox 2; Human Homeobox protein engrailed-2; EN2 ELISA Kit; Human Homeobox protein engrailed-2 (EN2) ELISA kit; engrailed homolog 2; engrailed-2; EN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse EN2. No significant cross-reactivity or interference between mouse EN2 and analogues was observed.
Sequence Length	333
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml -20 ng/ml
Sensitivity	Typically less than 0.078 ng/ml.
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 EN2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for EN2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EN2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EN2 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 EN2 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 #	7710121
NCBI GeneID	2020
NCBI Accession #	NP_001418.2
NCBI GenBank Nucleotide #	NM_001427.3
UniProt Accession #	P19622; Q549U3; Q9UD58; A4D252
Molecular Weight	34,211 Da
NCBI Official Full Name	homeobox protein engrailed-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.