

Rat Hepatocyte Nuclear Factor 1 Beta (HNF1b) RTU ELISA Kit | HNF1b rtu elisa kit

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CATALOG #
AAA71181

REACTIVITY
Rat

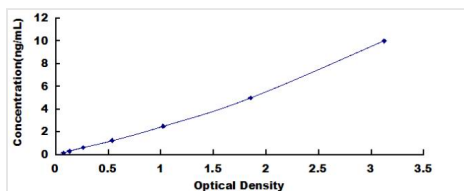
PRODUCT SYNONYMS

Hepatocyte Nuclear Factor 1 Beta (HNF1b); Rat Hepatocyte Nuclear Factor 1 Beta (HNF1b) ELISA Kit; FJHN; TCF2; HNF1beta; HNF2; LFB3; LF-B3; MODY5; VHNF1; Transcription Factor 2; Hepatic; Variant Hepatic Nuclear Factor; Homeoprotein LFB3; HNF1b rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	557
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HNF1b rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HNF1b. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HNF1b. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HNF1b, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of HNF1b in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981640
NCBI GeneID	25640
NCBI Accession #	NP_037235.1
NCBI GenBank Nucleotide #	NM_013103.2
UniProt Accession #	P23899
Molecular Weight	58,426 Da
NCBI Official Full Name	hepatocyte nuclear factor 1-beta isoform 2
NCBI Official Synonym Full Names	HNF1 homeobox B
NCBI Official Symbol	Hnf1b
NCBI Official Synonym Symbols	Tcf2; LF-B3; VHNF1; HNF-1B; HNF-1-beta
NCBI Protein Information	hepatocyte nuclear factor 1-beta
UniProt Protein Name	Hepatocyte nuclear factor 1-beta
UniProt Gene Name	Hnf1b
UniProt Synonym Gene Names	Hnf-1b; Tcf2; HNF-1-beta; HNF-1B; TCF-2; vHNF1

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/rat-rtu-elisa-kits/hepatocyte-nuclear-factor-1-beta-hnf1b/71181>