

Human Hydroxymethylbilane Synthase (HMBS) RTU ELISA Kit | HMBS rtu elisa kit

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CATALOG #
AAA71167

REACTIVITY
Human

PRODUCT SYNONYMS

Hydroxymethylbilane Synthase (HMBS); Human Hydroxymethylbilane Synthase (HMBS) ELISA Kit; PBG-D; PBGD; UPS; Hydroxymethylbilane Synthase; Uroporphyrinogen I Synthase; Porphobilinogen deaminase; Pre-uroporphyrinogen synthase; HMBS rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	361
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.781-50ng/mL
Sensitivity	0.27ng/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 HMBS rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HMBS. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HMBS. 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 HMBS, 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 HMBS in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149500
NCBI GeneID	3145

NCBI Accession #	NP_000181.2
NCBI GenBank Nucleotide #	NM_000190.3
UniProt Accession #	P08397 ; P08396 ; Q16012 ; A8K2L0 ; G3V1P4 ; G5EA58
Molecular Weight	33,264 Da
NCBI Official Full Name	porphobilinogen deaminase isoform 1
NCBI Official Synonym Full Names	hydroxymethylbilane synthase
NCBI Official Symbol	HMBS
NCBI Official Synonym Symbols	UPS; PBGD; PORC; PBG-D
NCBI Protein Information	porphobilinogen deaminase
UniProt Protein Name	Porphobilinogen deaminase
UniProt Gene Name	HMBS
UniProt Synonym Gene Names	PBGD; UPS; PBG-D; HMBS

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/hydroxymethylbilane-synthase-hmbs/71167>