

Human Hemoglobin Gamma 2 (HBg2) RTU ELISA Kit | HBg2 rtu elisa kit

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CATALOG #
AAA71102

REACTIVITY
Human

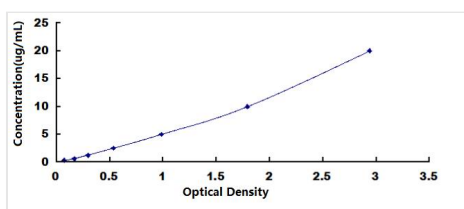
PRODUCT SYNONYMS

Hemoglobin Gamma 2 (HBg2); Human Hemoglobin Gamma 2 (HBg2) ELISA Kit; Gamma-2-globin; HBg2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	147
Assay Type	Sandwich
Samples	Serum, Plasma, Erythrocyte Lysates or Other Biological Fluids.
Detection Range	312-20000ng/mL
Sensitivity	95.7ng/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 HBg2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HBg2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HBg2. 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 HBg2, 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 HBg2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

6715607

NCBI GeneID	3048
NCBI Accession #	NP_000175.1
NCBI GenBank Nucleotide #	NP_000175.1
UniProt Accession #	P69892; P02096; P62027; Q14491; Q68NH9; Q96FH6; Q96FH7; A8MZE0
Molecular Weight	16,126 Da
NCBI Official Full Name	hemoglobin subunit gamma-2
NCBI Official Synonym Full Names	hemoglobin subunit gamma 2
NCBI Official Symbol	HBG2
NCBI Official Synonym Symbols	TNCY; HBG-T1
NCBI Protein Information	hemoglobin subunit gamma-2
UniProt Protein Name	Hemoglobin subunit gamma-2
UniProt Gene Name	HBG2

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-rtu-elisa-kits/hemoglobin-gamma-2-hbg2/71102>