

Human Growth hormone variant, GH2 ELISA Kit | GH2 elisa kit

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CATALOG #
AAA123542

REACTIVITY
Human

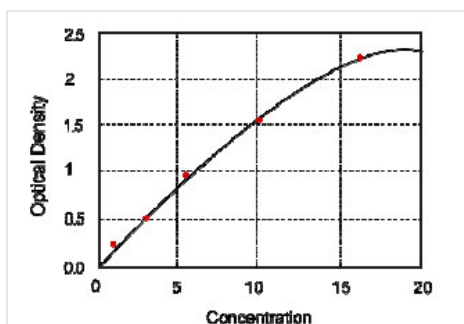
PRODUCT SYNONYMS

Growth hormone variant; GH2; Human Growth hormone variant; GH2 ELISA Kit; GH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	245
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	30ng/L - 9000ng/L
Sensitivity	15.33ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GH2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Growth Hormone Variant (also known as GH2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GH2 antibody. GH2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GH2 Antibody is added and binds to GH2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GH2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human GH2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13027826
NCBI GeneID	2689
NCBI GenBank Nucleotide #	NP_072052.1
UniProt Accession #	P01242
NCBI Official Full Name	growth hormone variant isoform 3
NCBI Official Synonym Full Names	growth hormone 2
NCBI Official Symbol	GH2
NCBI Official Synonym Symbols	GHL; GHV; GH-V; GHB2; hGH-V
NCBI Protein Information	growth hormone variant
UniProt Protein Name	Growth hormone variant
UniProt Gene Name	GH2
UniProt Synonym Gene Names	GH-V
UniProt Entry Name	SOM2_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/human-elisa-kits/growth-hormone-variant-gh2/123542>