

Human growth hormone 2 ELISA Kit | GH2 elisa kit

Human Growth hormone variant, GH2 ELISA Kit

CATALOG #
AAA112522

REACTIVITY
Human

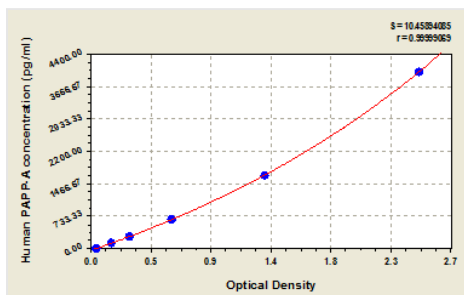
PRODUCT SYNONYMS

growth hormone 2; Human Growth hormone variant; GH2 ELISA Kit; Human Growth hormone variant (GH2) ELISA kit; GH-V; GHL; GHV; hGH-V; placenta-specific growth hormone; placental-specific growth hormone; GH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GH2. No significant cross-reactivity or interference between human GH2 and analogues was observed.
Sequence Length	217
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, Ntissue homogenates
Detection Range	133 pg/ml -4000 pg/ml
Sensitivity	< 33 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. 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 GH2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GH2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for GH2. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GH2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503991
NCBI GeneID	2689
NCBI Accession #	NP_002050.1
NCBI GenBank Nucleotide #	NM_002059.4
UniProt Accession #	P01242; O14643; O14644; P09587; B1A4H5; B1A4H7
Molecular Weight	25,000 Da
NCBI Official Full Name	growth hormone variant isoform 1
NCBI Official Synonym Full Names	growth hormone 2
NCBI Official Symbol	GH2
NCBI Official Synonym Symbols	GHL; GHV; GH-V; hGH-V
NCBI Protein Information	growth hormone variant; placenta-specific growth hormone; placental-specific growth hormone
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/gh2-human-elisa-kits/growth-hormone-2/112522>