

Human Growth Hormone 2 ELISA Kit | GH2 elisa kit

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CATALOG #
AAA101530

REACTIVITY
Human

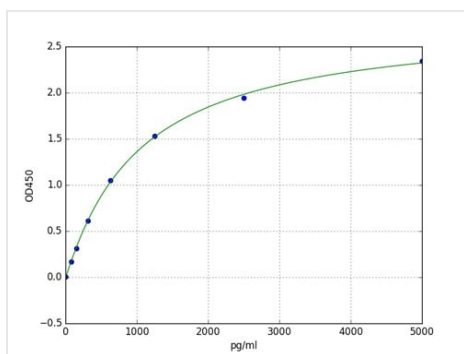
PRODUCT SYNONYMS

Growth Hormone 2; Human Growth Hormone 2 ELISA Kit; GH2/GHL/GHV/GHL/GHVgrowth hormone variant/GH-VPlacenta-specific growth hormone/growth hormone 2hGH-V/placental-specific growth hormone; GH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	217
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Human GH2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.006	0.248	0.404	0.747	1.379	1.740	1.932	2.595

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GH2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human GH2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human GH2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human GH2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human GH2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18088461
NCBI GeneID	2689
Molecular Weight	27,101 Da
NCBI Official Full Name	Growth hormone 2
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/gh2-human-elisa-kits/growth-hormone-2/101530>