

Growth Hormone (GH) ELISA Kit | GH elisa kit

Fish Growth Hormone (GH) ELISA Kit

CATALOG #
AAA88050

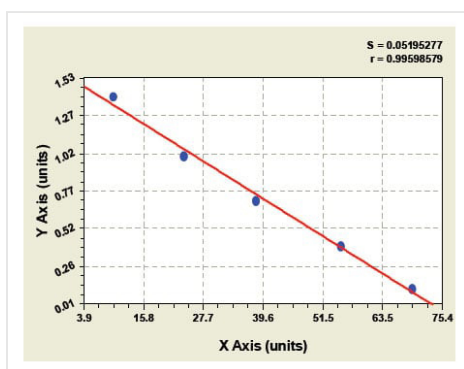
PRODUCT SYNONYMS

Growth Hormone (GH); Fish Growth Hormone (GH) ELISA Kit; GH elisa kit

PRODUCT SPECIFICATIONS

Sequence Length	200
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GH elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This GH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Fish GH. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY GH ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GH antibody and an GH-HRP conjugate. The assay sample and buffer are incubated together with GH-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GH concentration since GH from samples and GH-HRP conjugate compete for the anti-GH antibody binding site. Since the number of sites is limited, as more sites are occupied by GH from the sample, fewer sites are left to bind GH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GH concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	545073
NCBI Official Full Name	growth hormone

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://www.aaabiotech.com/elisa-kits/growth-hormone-gh/88050>