

Canine Growth hormone, GH ELISA Kit | GH elisa kit

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CATALOG #
AAA43583

REACTIVITY
Canine

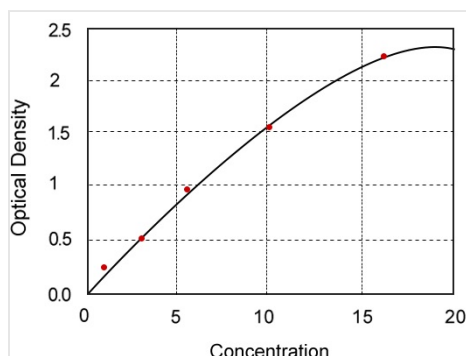
PRODUCT SYNONYMS

Growth hormone; GH; Canine Growth hormone; GH ELISA Kit; GH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	217
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.024ng/ml
Intra-Assay	CV<8%
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 GH elisa kit

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

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine GH antibody. GH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine GH Antibody is added and binds to GH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GH 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 Canine GH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	183157
NCBI GeneID	2688
UniProt Accession #	P01241; Q14405; Q16631; Q5EB53; Q9HBZ1; Q9UMJ7; Q9UNL5; A6NEF6
Molecular Weight	22,992 Da
NCBI Official Full Name	growth hormone
NCBI Official Synonym Full Names	growth hormone 1
NCBI Official Symbol	GH1
NCBI Official Synonym Symbols	GH; GHN; GH-N; GHB5; hGH-N; IGHD1B
NCBI Protein Information	somatotropin
UniProt Protein Name	Somatotropin
UniProt Gene Name	GH1
UniProt Synonym Gene Names	GH; GH-N

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/canine-elisa-kits/growth-hormone-gh/43583>