

Canine Dopamine-beta-Hydroxylase (DBH) ELISA Kit | DBH elisa kit

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CATALOG #
AAA122816

REACTIVITY
Canine

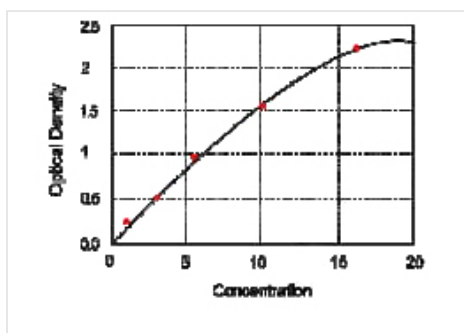
PRODUCT SYNONYMS

Dopamine-beta-Hydroxylase (DBH); Canine Dopamine-beta-Hydroxylase (DBH) ELISA Kit; DBH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	621
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml-150ng/ml
Sensitivity	0.34ng/ml
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 DBH elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Dopamine (also known as DA) 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 Canine DA antibody. DA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine DA Antibody is added and binds to DA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DA 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 DA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260873
NCBI GeneID	13166
NCBI Official Full Name	dopamine beta-hydroxylase
NCBI Official Synonym Full Names	dopamine beta hydroxylase
NCBI Official Symbol	Dbh
NCBI Protein Information	dopamine beta-hydroxylase

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/dopamine-beta-hydroxylase-dbh/122816>