

Human GTP cyclohydrolase 1 ELISA Kit | GCH1 elisa kit

Human GTP cyclohydrolase 1 (GCH1) ELISA Kit

CATALOG #
AAA180822

REACTIVITY
Human

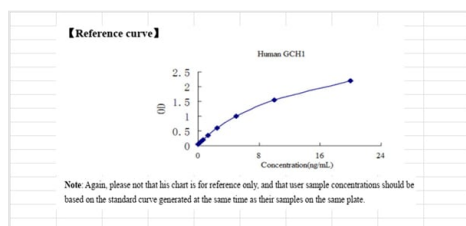
PRODUCT SYNONYMS

GTP cyclohydrolase 1; Human GTP cyclohydrolase 1 (GCH1) ELISA Kit; GCH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	241
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GCH1 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human GCH1 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679967
NCBI GeneID	14528
NCBI Accession #	NP_032128.1

NCBI GenBank Nucleotide #	NM_008102.3
Molecular Weight	27,014 Da
NCBI Official Full Name	GTP cyclohydrolase 1
NCBI Official Synonym Full Names	GTP cyclohydrolase 1
NCBI Official Symbol	Gch1
NCBI Official Synonym Symbols	Gch; GTPCH; GTP-CH
NCBI Protein Information	GTP cyclohydrolase 1
UniProt Protein Name	GTP cyclohydrolase 1
UniProt Gene Name	Gch1
UniProt Synonym Gene Names	Gch; GTP-CH-I
UniProt Entry Name	GCH1_MOUSE

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/gch1-human-elisa-kits/gtp-cyclohydrolase-1/180822>