

Human DbetaH (Dopamine-beta-Hydroxylase) CLIA Kit | DbH clia kit

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CATALOG #
AAA171147

REACTIVITY
Human

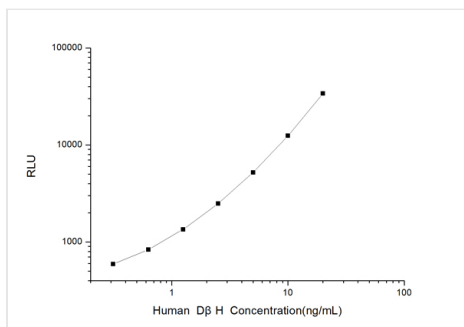
PRODUCT SYNONYMS

DbetaH (Dopamine-beta-Hydroxylase); Human DbetaH (Dopamine-beta-Hydroxylase) CLIA Kit; Human DbH (Dopamine-b-Hydroxylase) CLIA Kit; Human DbH; DbH clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant DbetaH. No significant cross-reactivity or interference between DbetaH and analogues was observed.
Sequence Length	619
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DbH clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of DbetaH concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to DbetaH. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for DbetaH and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain DbetaH, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of DbetaH. You can calculate the concentration of DbetaH in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2358082
Molecular Weight	69,397 Da
NCBI Official Full Name	dopamine-beta-hydroxylase
UniProt Protein Name	DBH-like monooxygenase protein 2
UniProt Gene Name	Moxd2
UniProt Synonym Gene Names	Dbhl; Dbhl1
UniProt Entry Name	MOXD2_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://www.aaabiotech.com/dbh-human-clia-kits/dbetah-dopamine-beta-hydroxylase/171147>