

Human Immunoglobulin D (IgD) CLIA Kit | IgD clia kit

Human Immunoglobulin D (IgD)(CLIA) CLIA Kit

CATALOG # AAA189538	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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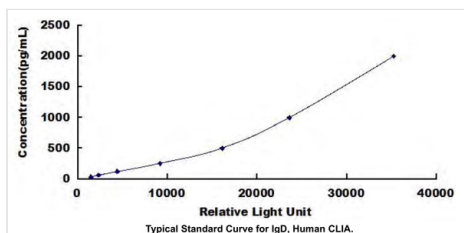
PRODUCT SYNONYMS

Immunoglobulin D (IgD); Human Immunoglobulin D (IgD)(CLIA) CLIA Kit; CLIA Kit for Immunoglobulin D (IgD); IgD/Immunoglobulin D; IGHD; Constant Region Of Heavy Chain Of Immunoglobulin Delta; IgD clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IgD. No significant cross-reactivity or interference between IgD and analogues was observed.
Samples	Human serum, plasma and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	< 13.4pg/mL
Applicable Applications for IgD clia kit	CLIA (Chemiluminescence Immunoassay)
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IgD were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IgD were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/ -20 degree C for long-term (within shelf life). The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgD clia kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to IgD. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to IgD. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the IgD level in the sample or standard. Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of IgD in human serum, plasma and other biological fluids.
Product Categories/Family for IgD clia kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	193806360
NCBI GeneID	3495
UniProt Accession #	P01880; Q6P4I8; Q8WU38
Molecular Weight	185,000
NCBI Official Full Name	Ig delta chain C region
NCBI Official Synonym Full Names	immunoglobulin heavy constant delta
NCBI Official Symbol	IGHD
UniProt Protein Name	Ig delta chain C region
UniProt Gene Name	IGHD
UniProt Entry Name	IGHD_HUMAN

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/human-clia-kits/immunoglobulin-d-igd/189538>