

Human beta-D-glucan (BDG) ELISA Kit | BDG elisa kit

Human beta-D-glucan (BDG) ELISA Kit

CATALOG #
AAA11396

REACTIVITY
Human

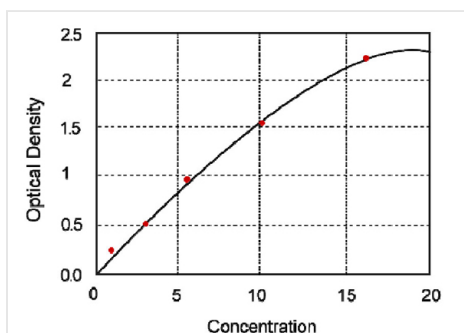
PRODUCT SYNONYMS

beta-D-glucan (BDG); Human beta-D-glucan (BDG) ELISA Kit; BDG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1330
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	8-2000ng/L
Sensitivity	4.31ng/L
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 BDG elisa kit

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

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human beta-D-glucan (also known as BDG) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	665401225
NCBI GeneID	36747
NCBI Accession #	NP_001286469.1
NCBI GenBank Nucleotide #	NM_001299540.1
NCBI Official Full Name	bedraggled, isoform D
NCBI Official Synonym Full Names	bedraggled
NCBI Official Symbol	bdg
NCBI Official Synonym Symbols	CG8291; DmelCG8291
NCBI Protein Information	bedraggled

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/beta-d-glucan-bdg/11396>