

Human Lipase, Bile Salt Dependent (BSDL) ELISA Kit | BSDL elisa kit

Human Lipase, Bile Salt Dependent (BSDL) Mini Samples ELISA Kit

CATALOG #
AAA147408

REACTIVITY
Human

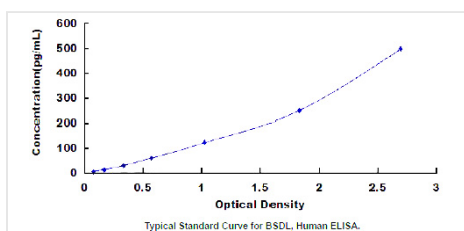
PRODUCT SYNONYMS

Lipase; Bile Salt Dependent (BSDL); Human Lipase; Bile Salt Dependent (BSDL) Mini Samples ELISA Kit; CEL; FAP; BAL; BSSL; FAPP; LIPA; MODY8; Carboxyl Ester Lipase; Bile salt-stimulated lipase; Bucelipase; Cholesterol esterase; Pancreatic lysophospholipase; Sterol esterase; BSDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BSDL. No significant cross-reactivity or interference between BSDL and analogues was observed.
Sequence Length	753
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Breast milk and other biological fluids
Detection Range	7.8-500pg/mL
Sensitivity	2.9pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BSDL 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 BSDL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BSDL elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BSDL in human serum, plasma, breast milk and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to BSDL. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to BSDL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain BSDL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of BSDL in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for BSDL elisa kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	251757481
NCBI GeneID	1056
UniProt Accession #	P19835; Q16398; Q5T7U7; Q9UCH1; Q9UP41
Molecular Weight	71,834 Da
NCBI Official Full Name	Bile salt-activated lipase
NCBI Official Synonym Full Names	carboxyl ester lipase
NCBI Official Symbol	CEL
NCBI Official Synonym Symbols	BAL; FAP; BSDL; BSSL; CELL; FAPP; LIPA; CEase; MODY8
NCBI Protein Information	bile salt-activated lipase
UniProt Protein Name	Bile salt-activated lipase
UniProt Gene Name	CEL
UniProt Synonym Gene Names	BAL; BAL; BSSL

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-elisa-kits/lipase-bile-salt-dependent-bsdl/147408>