

Human CEL (Bile Salt-Activated Lipase) ELISA Kit | CEL/BAL elisa kit

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CATALOG #
AAA250722

REACTIVITY
Human

PRODUCT SYNONYMS

CEL (Bile Salt-Activated Lipase); Human CEL (Bile Salt-Activated Lipase) ELISA Kit; Bile salt-activated lipase; BAL; Bile salt-stimulated lipase (BSSL); Bucelipase; Carboxyl ester lipase; Cholesterol esterase; Pancreatic lysophospholipase; Sterol esterase; CEL/BAL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CEL/BAL. No significant crossreactivity or interference between CEL/BAL and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for CEL/BAL elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148536848
NCBI GeneID	1056
NCBI Accession #	NP_001798.2
NCBI GenBank Nucleotide #	NM_001807.4
UniProt Accession #	P19835; Q16398; Q5T7U7; Q9UCH1; Q9UP41
Molecular Weight	79,322 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; bucelipase; sterol esterase; cholesterol esterase; carboxyl ester hydrolase; fetoacinar pancreatic protein; lysophospholipase, pancreatic; bile salt-dependent lipase, oncofetal isoform; carboxyl ester lipase (bile salt-stimulat
UniProt Protein Name	Bile salt-activated lipase
UniProt Gene Name	CEL
UniProt Synonym Gene Names	BAL; BAL; BSSL
UniProt Entry Name	CEL_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://www.aaabiotech.com/cel-bal-human-elisa-kits/cel-bile-salt-activated-lipase/250722>