

Rat Bone-specific Alkphase B (ALP-B) ELISA Kit | ALP-B elisa kit

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CATALOG #
AAA53626

REACTIVITY
Rat

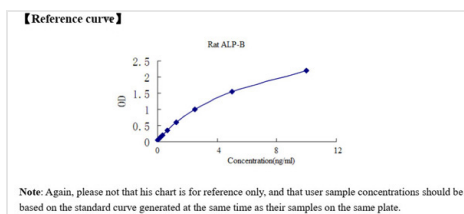
PRODUCT SYNONYMS

Bone-specific Alkphase B (ALP-B); Rat Bone-specific Alkphase B (ALP-B) ELISA Kit; ALP-B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	308
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALP-B elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat ALP-B monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	127798426
NCBI GeneID	80150

Molecular Weight	18,981 Da
NCBI Official Full Name	Asparaginase like 1
NCBI Official Synonym Full Names	asparaginase like 1
NCBI Official Symbol	ASRGL1
NCBI Official Synonym Symbols	ALP; ALP1; CRASH
NCBI Protein Information	isoaspartyl peptidase/L-asparaginase; beta-aspartyl-peptidase; isoaspartyl dipeptidase; L-asparagine amidohydrolase; asparaginase-like 1 protein; asparaginase-like protein 1
UniProt Protein Name	Isoaspartyl peptidase/L-asparaginase
UniProt Gene Name	ASRGL1
UniProt Synonym Gene Names	ALP; CRASH
UniProt Entry Name	ASGL1_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/rat-elisa-kits/bone-specific-alkphase-b-alp-b/53626>