

Datasheet for ABIN5520576

## ALPL ELISA Kit



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### Overview

Quantity:	96 tests
Target:	ALPL
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	3.125 ng/mL - 200 ng/mL
Minimum Detection Limit:	3.125 ng/mL
Application:	ELISA

### Product Details

Purpose:	For quantitative detection of BALP in serum, plasma, tissue homogenates.
Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of BALP. No significant cross-reactivity or interference between BALP and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the cross-reactivity detection between BALP and all the analogues, therefore, cross reaction may still exist.
Sensitivity:	1.875 ng/mL
Components:	<ul style="list-style-type: none"> <li>- ELISA Microplate</li> <li>- Lyophilized Standard</li> <li>- Sample / Standard Dilution Buffer</li> </ul>

## Product Details

- Biotin-labeled Antibody (Concentrated)
- Antibody Dilution Buffer
- HRP-Streptavidin Conjugate(SABC)
- SABC Dilution Buffer
- TMB Substrate
- Stop Solution
- Wash Buffer (25X)
- Plate Sealer
- Product Description

## Target Details

Target:	ALPL
Alternative Name:	BALP ( <a href="#">ALPL Products</a> )
Background:	BALP(Bone Alkaline Phosphatase)/ALPL/BSAP/HOPS/AP-TNAP/TNSALP

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Sandwich ELISA, Double Antibody
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

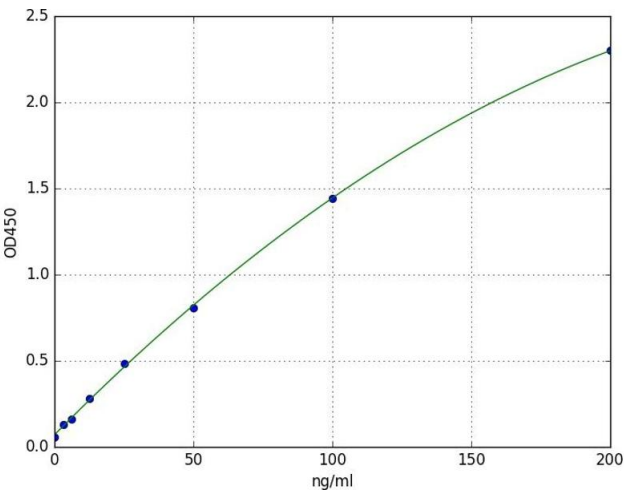
## Handling

Storage:	4 °C
Storage Comment:	<ol style="list-style-type: none"><li>1. For unopened kit: All the reagents should be kept according to the labels on vials. The Reference Standard and the 96-well stripe plate should be stored at -20 °C upon receipt while the other reagents should be stored at 4 °C.</li><li>2. For used kit: When the kit is used, the remaining reagents need to be stored according to the above storage condition. Besides, please return the unused wells to the foil pouch containing the desiccant pack, and zip-seal the foil pouch.</li></ol>
Expiry Date:	6 months

Publications

Product cited in: Popko, Karpiński, Chojnowska, Maresz, Milewski, Badmaev, Schurgers: "Decreased Levels of Circulating Carboxylated Osteocalcin in Children with Low Energy Fractures: A Pilot Study." in: **Nutrients**, Vol. 10, Issue 6, (2018) ([PubMed](#)).

Images



**ELISA**

**Image 1.** A typical standard curve