

## Rabbit Bone Alkaline Phosphatase (BALP) ELISA Kit | BALP elisa kit

Rabbit Bone Alkaline Phosphatase, BALP ELISA Kit

CATALOG #  
**AAA80827**

REACTIVITY  
**Rabbit**

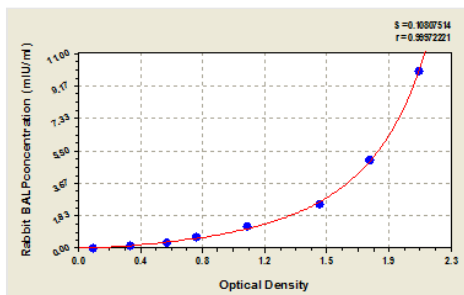
### PRODUCT SYNONYMS

Bone Alkaline Phosphatase (BALP); Rabbit Bone Alkaline Phosphatase; BALP ELISA Kit; Rabbit Bone Alkaline Phosphatase (BALP) ELISA Kit; BALP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                              |
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| Reactivity              | Rabbit                                                                                                                                                                                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of rabbit BALP. No significant cross-reactivity or interference between rabbit BALP and analogues was observed.                                                                                                                                                                      |
| Samples                 | Serum, plasma                                                                                                                                                                                                                                                                                                                                                |
| Assay Type              | Sandwich                                                                                                                                                                                                                                                                                                                                                     |
| Detection Range         | 0.156 mIU/ml -10 mIU/ml.                                                                                                                                                                                                                                                                                                                                     |
| Sensitivity             | The minimum detectable dose of rabbit BALP is typically less than 0.04 mIU/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations. |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                                                                                                                                                                                             |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                                                                                                                                                                                                      |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                                                                                                                                                                                            |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Related Product Information for BALP elisa kit | <b>Principle of the assay:</b> This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BALP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BALP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BALP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of BALP bound in the initial step. The color development is stopped and the intensity of the color is measured. |
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**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/rabbit-elisa-kits/bone-alkaline-phosphatase-balp/80827>