

# Product Datasheet

## Goat Alkaline Phosphatase, Liver/Bone/Kidney ELISA Kit (Colorimetric) NBP2-77046-1Kit

Unit Size: 1 Kit

Store at 4°C.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-77046](http://www.novusbio.com/NBP2-77046)

Updated 12/16/2020 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-77046](http://www.novusbio.com/reviews/destination/NBP2-77046)



**NBP2-77046-1Kit****Goat Alkaline Phosphatase, Liver/Bone/Kidney ELISA Kit (Colorimetric)**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                    |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 1 Kit                                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>               | Concentration is not relevant for this product. Please see the protocols for proper use of this product.                                                                                                                                                                                                           |
| <b>Storage</b>                     | Store at 4°C.                                                                                                                                                                                                                                                                                                      |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                    |
| <b>Gene ID</b>                     | 249                                                                                                                                                                                                                                                                                                                |
| <b>Gene Symbol</b>                 | ALPL                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>                     | Goat                                                                                                                                                                                                                                                                                                               |
| <b>Specificity/Sensitivity</b>     | This assay has high sensitivity and excellent specificity for detection of Goat Alkaline Phosphatase, Liver/Bone/Kidney. No significant cross-reactivity or interference between Goat Alkaline Phosphatase, Liver/Bone/Kidney and analogues was observed.                                                          |
| <b>Kit Components</b>              | Assay Plate (12 x 8 coated Microwells), Standard (Freeze dried), Biotin-antibody (100 x concentrate), HRP-avidin (100 x concentrate), Biotin-antibody Diluent, HRP-avidin Diluent, Sample Diluent, Wash Buffer (25 x concentrate), TMB Substrate, Stop Solution, Adhesive Strip (For 96 wells), Instruction Manual |
| <b>Standard Curve Range</b>        | 7.81 mU/mL-500 mU/mL                                                                                                                                                                                                                                                                                               |
| <b>Sensitivity</b>                 | 1.95 mU/mL                                                                                                                                                                                                                                                                                                         |
| <b>Inter Assay</b>                 | CV% < 10%                                                                                                                                                                                                                                                                                                          |
| <b>Intra Assay</b>                 | CV% < 8%                                                                                                                                                                                                                                                                                                           |
| <b>Assay Type</b>                  | Sandwich ELISA                                                                                                                                                                                                                                                                                                     |
| <b>Spiking Recovery</b>            | 86-99%                                                                                                                                                                                                                                                                                                             |
| <b>Suitable Sample Type</b>        | Serum, Plasma, Tissue Homogenates                                                                                                                                                                                                                                                                                  |
| <b>Sample Volume</b>               | 50-100 µL                                                                                                                                                                                                                                                                                                          |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>                | ELISA                                                                                                                                                                                                                                                                                                              |
| <b>Recommended Dilutions</b>       | ELISA                                                                                                                                                                                                                                                                                                              |



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-77046](http://www.novusbio.com/reviews/submit/NBP2-77046)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

