

# Product Datasheet

## Mouse BPI ELISA Kit (Colorimetric) NBP2-77042-1Kit

Unit Size: 1 Kit

Store at 4°C.

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**NBP2-77042-1Kit****Mouse BPI 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>                     | 671                                                                                                                                                                                                                                                                                                                |
| <b>Gene Symbol</b>                 | BPI                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>                     | Mouse                                                                                                                                                                                                                                                                                                              |
| <b>Specificity/Sensitivity</b>     | This assay has high sensitivity and excellent specificity for detection of Mouse BPI. No significant cross-reactivity or interference between Mouse BPI 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>        | 0.78 ng/mL-50 ng/mL                                                                                                                                                                                                                                                                                                |
| <b>Sensitivity</b>                 | 0.195 ng/mL                                                                                                                                                                                                                                                                                                        |
| <b>Inter Assay</b>                 | CV% < 10%                                                                                                                                                                                                                                                                                                          |
| <b>Intra Assay</b>                 | CV% < 8%                                                                                                                                                                                                                                                                                                           |
| <b>Assay Type</b>                  | Sandwich ELISA                                                                                                                                                                                                                                                                                                     |
| <b>Spiking Recovery</b>            | 88-110%                                                                                                                                                                                                                                                                                                            |
| <b>Suitable Sample Type</b>        | Serum, Plasma, cell culture supernates, Tissue Homogenates                                                                                                                                                                                                                                                         |
| <b>Sample Volume</b>               | 50-100 uL                                                                                                                                                                                                                                                                                                          |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>                | ELISA                                                                                                                                                                                                                                                                                                              |
| <b>Recommended Dilutions</b>       | ELISA                                                                                                                                                                                                                                                                                                              |



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### **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.

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