

# Product Datasheet

## Porcine IL-18/IL-1F4 ELISA Kit (Colorimetric) NBP1-94192

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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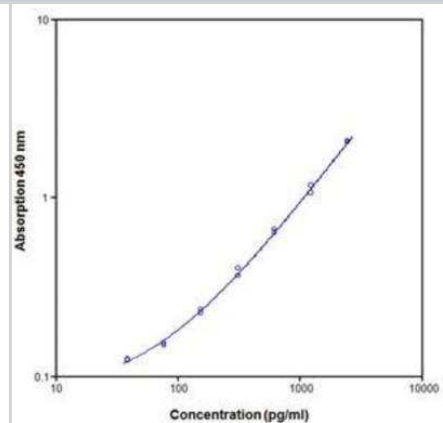


**NBP1-94192****Porcine IL-18/IL-1F4 ELISA Kit (Colorimetric)**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 96 Tests                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>               | Concentration is not relevant for this product. Please see the protocols for proper use of this product.                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>                     | Storage of components varies. See protocol for specific instructions.                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>                 | The pig IL-18 ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of pig IL-18                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene ID</b>                     | 3606                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>                 | IL18                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>                     | Porcine                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Specificity/Sensitivity</b>     | The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a pig IL-18 positive serum. There was no crossreactivity detected                                                                                                                                                                                                                                           |
| <b>Kit Components</b>              | Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to pig IL-18, Biotin-Conjugate anti-pig IL-18 monoclonal antibody, Streptavidin-HRP, Pig IL-18 Standard lyophilized, 5 ng/ml upon reconstitution, Sample Diluent, Assay Buffer Concentrate 20x (PBS with 1% Tween 20 and 10% BSA), Wash Buffer Concentrate 20x (PBS with 1% Tween 20), Substrate Solution (tetramethyl-benzidine), Stop Solution (1M Phosphoric acid), Adhesive Films |
| <b>Standard Curve Range</b>        | 39.1 - 2,500 pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Sensitivity</b>                 | 23.0 pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Inter Assay</b>                 | CV% < 8.1%                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Intra Assay</b>                 | CV% < 6.8%                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Assay Type</b>                  | Sandwich ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Spiking Recovery</b>            | The overall mean recovery was 110%. Please see protocol for more specific Spike Recovery details.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Suitable Sample Type</b>        | Cell culture supernatant, serum                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Sample Volume</b>               | 50 uL                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>                | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Recommended Dilutions</b>       | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Images

ELISA: Porcine IL-18/IL-1F4 ELISA Kit (Colorimetric) [NBP1-94192]





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### **Products Related to NBP1-94192**

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|                 |                                        |
|-----------------|----------------------------------------|
| NBP2-59520-20ug | Recombinant Mouse IL-18/IL-1F4 Protein |
| 210-TA-005      | TNF-alpha [Unconjugated]               |
| DL180           | IL-18/IL-1F4 [HRP]                     |
| M6000B-1        | IL-6 [HRP]                             |

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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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