

# Product Datasheet

## Porcine BMP-4 ELISA Kit (Chemiluminescence) NBP3-42689

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP3-42689****Porcine BMP-4 ELISA Kit (Chemiluminescence)**

| <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>                     | Storage of components varies. See protocol for specific instructions.                                                                                                                                                                                        |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                              |
| <b>Description</b>                 | Assay time: 2 hours, 40 minutes                                                                                                                                                                                                                              |
| <b>Gene ID</b>                     | 652                                                                                                                                                                                                                                                          |
| <b>Gene Symbol</b>                 | BMP4                                                                                                                                                                                                                                                         |
| <b>Species</b>                     | Porcine                                                                                                                                                                                                                                                      |
| <b>Kit Components</b>              | Pre-coated ready to use 96-well strip plate, Plate sealer for 96 wells, Standard, Standard Diluent, Detection Reagent A, Assay Diluent A, Detection Reagent B, Assay Diluent B, Substrate A, Substrate B, Wash Buffer (30 x concentrate), Instruction manual |
| <b>Standard Curve Range</b>        | 13.7 - 10000 pg/mL                                                                                                                                                                                                                                           |
| <b>Sensitivity</b>                 | 5.6 pg/mL                                                                                                                                                                                                                                                    |
| <b>Inter Assay</b>                 | %CV < 12                                                                                                                                                                                                                                                     |
| <b>Intra Assay</b>                 | %CV < 10                                                                                                                                                                                                                                                     |
| <b>Assay Type</b>                  | Sandwich ELISA                                                                                                                                                                                                                                               |
| <b>Spiking Recovery</b>            | 79 - 103%                                                                                                                                                                                                                                                    |
| <b>Suitable Sample Type</b>        | Serum, Plasma, Tissue homogenates and other biological fluids                                                                                                                                                                                                |
| <b>Sample Volume</b>               | 100 uL                                                                                                                                                                                                                                                       |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                              |
| <b>Applications</b>                | ELISA                                                                                                                                                                                                                                                        |
| <b>Recommended Dilutions</b>       | ELISA                                                                                                                                                                                                                                                        |





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### **Products Related to NBP3-42689**

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|                 |                                    |
|-----------------|------------------------------------|
| NBP2-34931-10ug | Recombinant Human BMP-4 Protein    |
| DVE00           | VEGF [HRP]                         |
| 314-BP-010      | BMP-4 [Unconjugated]               |
| 233-FB-025      | FGF basic/FGF2/bFGF [Unconjugated] |

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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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