

# Product Datasheet

## Rat GDF-8/Myostatin ELISA Kit (Colorimetric) NBP3-55191

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP3-55191****Rat GDF-8/Myostatin 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>                     | Storage of components varies. See protocol for specific instructions.                                                                                                                                       |
| <b>Product Description</b>         |                                                                                                                                                                                                             |
| <b>Description</b>                 | Assay Length: 4.5 hours                                                                                                                                                                                     |
| <b>Gene ID</b>                     | 2660                                                                                                                                                                                                        |
| <b>Gene Symbol</b>                 | MSTN                                                                                                                                                                                                        |
| <b>Species</b>                     | Rat                                                                                                                                                                                                         |
| <b>Kit Components</b>              | Pre-coated 96T strip plate, Plate sealer for 96 wells, Standard, Diluent Buffer, Detection Reagent A, Detection Reagent B, TMB Substrate, Stop Solution, Wash Buffer (30 x concentrate), Instruction manual |
| <b>Standard Curve Range</b>        | 0.625 - 40 ng/mL (example only; lot dependent)                                                                                                                                                              |
| <b>Sensitivity</b>                 | 0.214 ng/mL (example only; lot dependent)                                                                                                                                                                   |
| <b>Inter Assay</b>                 | %CV < 12 (example only; lot dependent)                                                                                                                                                                      |
| <b>Intra Assay</b>                 | %CV < 10 (example only; lot dependent)                                                                                                                                                                      |
| <b>Assay Type</b>                  | Sandwich ELISA                                                                                                                                                                                              |
| <b>Suitable Sample Type</b>        | Serum, plasma, tissue homogenates, cell lysates, cell culture supernatants 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 NBP3-55191**

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|            |                            |
|------------|----------------------------|
| 210-TA-005 | TNF-alpha [Unconjugated]   |
| DGDF80     | GDF-8/Myostatin [HRP]      |
| 291-G1-200 | IGF-I/IGF-1 [Unconjugated] |
| 355-BM-010 | BMP-2 [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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