

# Product Datasheet

## Mouse Smad4 ELISA Kit (Colorimetric) NBP2-76623

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Updated 10/23/2024 v.20.1

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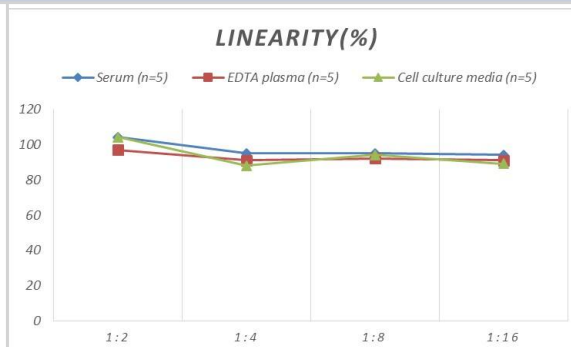


**NBP2-76623****Mouse Smad4 ELISA Kit (Colorimetric)**

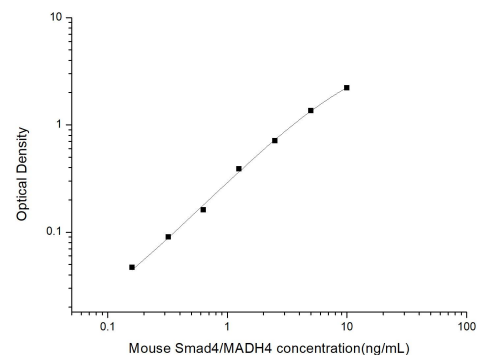
| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>Gene ID</b>                     | 4089                                                                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>                 | SMAD4                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>                     | Mouse                                                                                                                                                                                                                                                                                                            |
| <b>Specificity/Sensitivity</b>     | This kit recognizes Mouse Smad4/MADH4 in samples. No significant cross-reactivity or interference between Mouse Smad4/MADH4 and analogues was observed.                                                                                                                                                          |
| <b>Kit Components</b>              | Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual |
| <b>Standard Curve Range</b>        | 0.156 - 10ng/mL                                                                                                                                                                                                                                                                                                  |
| <b>Sensitivity</b>                 | 0.094ng/mL                                                                                                                                                                                                                                                                                                       |
| <b>Inter Assay</b>                 | CV% < 5.48                                                                                                                                                                                                                                                                                                       |
| <b>Intra Assay</b>                 | CV% < 4.96                                                                                                                                                                                                                                                                                                       |
| <b>Assay Type</b>                  | Sandwich-ELISA                                                                                                                                                                                                                                                                                                   |
| <b>Spiking Recovery</b>            | 84-109%                                                                                                                                                                                                                                                                                                          |
| <b>Suitable Sample Type</b>        | Serum, plasma and other biological fluids                                                                                                                                                                                                                                                                        |
| <b>Sample Volume</b>               | 100 uL                                                                                                                                                                                                                                                                                                           |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>                | ELISA                                                                                                                                                                                                                                                                                                            |
| <b>Recommended Dilutions</b>       | ELISA                                                                                                                                                                                                                                                                                                            |

## Images

ELISA: Mouse Smad4 ELISA Kit (Colorimetric) [NBP2-76623] - Samples were spiked with high concentrations of Mouse Smad4 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Smad4 ELISA Kit (Colorimetric) [NBP2-76623] - Standard Curve Reference





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### **Products Related to NBP2-76623**

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|                |                                 |
|----------------|---------------------------------|
| NBP2-24951PEP  | Smad4 Antibody Blocking Peptide |
| 7754-BH-005/CF | TGF-beta 1 [Unconjugated]       |
| AF2097         | Smad4 Antibody [Unconjugated]   |
| 314-BP-010     | BMP-4 [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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