

Product Datasheet

Mouse CTGF/CCN2 ELISA Kit (Colorimetric) NBP2-75010

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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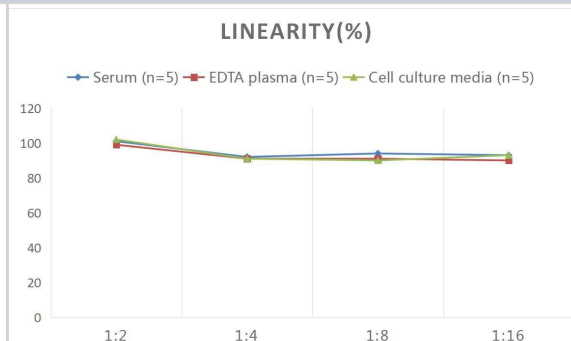
NBP2-75010**Mouse CTGF/CCN2 ELISA Kit (Colorimetric)**

| Product Information | |
|------------------------------------|--|
| Unit Size | 1 Kit |
| Concentration | Concentration is not relevant for this product. Please see the protocols for proper use of this product. |
| Storage | Storage of components varies. See protocol for specific instructions. |
| Product Description | |
| Gene ID | 1490 |
| Gene Symbol | CCN2 |
| Species | Mouse |
| Specificity/Sensitivity | This kit recognizes Mouse CTGF in samples. No significant cross-reactivity or interference between Mouse CTGF and analogues was observed. |
| Kit Components | 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 |
| Standard Curve Range | 0.16 - 10 ng/mL |
| Sensitivity | 0.10 ng/mL |
| Inter Assay | CV% < 5.21% |
| Intra Assay | CV% < 4.81% |
| Assay Type | Sandwich-ELISA |
| Spiking Recovery | 85-104% |
| Suitable Sample Type | Serum, plasma and other biological fluids |
| Sample Volume | 100 uL |
| Product Application Details | |
| Applications | ELISA |
| Recommended Dilutions | ELISA |

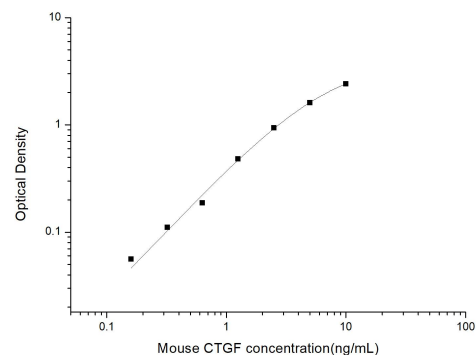


Images

ELISA: Mouse CTGF/CCN2 ELISA Kit (Colorimetric) [NBP2-75010] - Samples were spiked with high concentrations of Mouse CTGF/CCN2 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse CTGF/CCN2 ELISA Kit (Colorimetric) [NBP2-75010] - Standard Curve Reference



Publications

Aoyama J, Saito Y, Matsuda K et al. Increased Ctgf Expression in Alveolar Epithelial Cells by Cyclic Mechanical Stretch: Its Mechanism and the Therapeutic Effect of Pirfenidone Respiratory physiology & neurobiology 2023-06-06 [PMID: 37625675] (ELISA)



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Products Related to NBP2-75010

| | |
|----------------|-------------------------------------|
| NB100-724PEP | CTGF/CCN2 Antibody Blocking Peptide |
| 7754-BH-005/CF | TGF-beta 1 [Unconjugated] |
| NB100-724 | CTGF/CCN2 Antibody |
| 210-TA-005 | TNF-alpha [Unconjugated] |

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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