

Datasheet for ABIN5520504 Endothelin 3 ELISA Kit



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1 Image

Overview

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|--------------------------|-------------------------|
| Quantity: | 96 tests |
| Target: | Endothelin 3 (EDN3) |
| Reactivity: | Human |
| Method Type: | Competition ELISA |
| Detection Range: | 1.563 pg/mL - 100 pg/mL |
| Minimum Detection Limit: | 1.563 pg/mL |
| Application: | ELISA |

Product Details

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| Purpose: | For quantitative detection of EDN3 in serum, plasma, tissue homogenates. |
| Sample Type: | Plasma, Serum, Tissue Homogenate |
| Analytical Method: | Quantitative |
| Detection Method: | Colorimetric |
| Specificity: | This assay has high sensitivity and excellent specificity for detection of EDN3. No significant cross-reactivity or interference between EDN3 and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the cross-reactivity detection between EDN3 and all the analogues, therefore, cross reaction may still exist. |
| Sensitivity: | 0.938 pg/mL |
| Components: | <ul style="list-style-type: none">- ELISA Microplate- Lyophilized Standard- Sample / Standard Dilution Buffer |

Product Details

- Biotin-labeled Antibody (Concentrated)
- Antibody Dilution Buffer
- HRP-Streptavidin Conjugate(SABC)
- SABC Dilution Buffer
- TMB Substrate
- Stop Solution
- Wash Buffer (25X)
- Plate Sealer
- Product Description

Target Details

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|-------------------|---|
| Target: | Endothelin 3 (EDN3) |
| Alternative Name: | EDN3 (EDN3 Products) |
| Background: | EDN3/endothelin 3/endothelin-3/ET3/ET-3/HSCR4/PPET3/preendothelin-3/Preendothelin-3/truncated endothelin 3/WS4B |
| UniProt: | P14138 |
| Pathways: | Hormone Transport , Negative Regulation of Hormone Secretion , Regulation of Systemic Arterial Blood Pressure by Hormones |

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment: | Sandwich ELISA, Double Antibody |
| Sample Volume: | 100 µL |
| Plate: | Pre-coated |
| Restrictions: | For Research Use only |

Handling

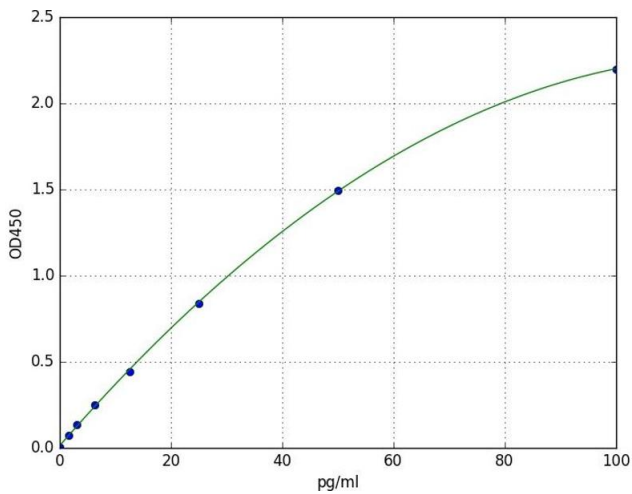
| | |
|------------------|---|
| Storage: | 4 °C |
| Storage Comment: | 1. For unopened kit: All the reagents should be kept according to the labels on vials. The Reference Standard and the 96-well stripe plate should be stored at -20 °C upon receipt while the other reagents should be stored at 4 °C. |

Handling

2. For used kit: When the kit is used, the remaining reagents need to be stored according to the above storage condition. Besides, please return the unused wells to the foil pouch containing the desiccant pack, and zip-seal the foil pouch.

Expiry Date: 6 months

Images



ELISA

Image 1. A typical standard curve