

Mouse Angiopoietin-1 AccuSignal ELISA Kit - KOA0770

Code: KOA0770

Size: 1 Kit

Product Description: Mouse Angiopoietin-1 AccuSignal ELISA Kit - KOA0770

PhysicalState:

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| Label | Unconjugated |
| Gene Name | ANGPT1 |
| Species Reactivity | Mouse |
| Storage Condition | Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing. |
| Synonyms | 1110046O21Rik, AGP 1, AGP1, AGPT, ANG 1, ANG1, Angiopoietin1, ANGPT 1, ANGPT1, KIAA0004 |
| Application Note | Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 10,000pg/ml, 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 312pg/ml, 156pg/ml mouse Angiopoietin-1 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each mouse Angiopoietin-1 standard solution and each sample be measured in duplicate. |
| Background | Angiopoietin 1, also called ANG1 is a type of angiopoietin and is encoded by the gene ANGPT1. Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. This gene was mapped to 8q23.1. The protein encoded by this gene is a secreted glycoprotein that activates the receptor by inducing its tyrosine phosphorylation. It plays a critical role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme and inhibits endothelial permeability. The protein also contributes to blood vessel maturation and stability, and may be involved in early development of the heart. |
| Purity And Specificity | Natural and recombinant mouse Angiopoietin-1. There is no detectable cross-reactivity with other relevant proteins. |
| ELISA | 156pg/ml-10,000pg/ml |
| Expiration | See kit insert for complete instructions. |
| Immunogen | Expression system for standard: NSO; Immunogen sequence: H16-F497 |
| Anti-Coagulant | Heparin Sodium |

Related Products

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| MB-008 | 10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008 |
| MB-012 | 10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012 |
| MB-013 | 10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013 |
| MB-075-1000 | 10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000 |

Related Links

UniProtKB - O08538

<http://www.uniprot.org/uniprot/O08538>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_033770.2

GeneID - 11600

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=11600>

Disclaimer

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