

Datasheet for ABIN4986951

IL-25 ELISA Kit[Go to Product page](#)**1** Image

Overview

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|--------------------------|----------------|
| Quantity: | 96 tests |
| Target: | IL-25 (IL25) |
| Reactivity: | Mouse |
| Method Type: | Sandwich ELISA |
| Detection Range: | 0.03-2.0 ng/mL |
| Minimum Detection Limit: | 0.03 ng/mL |
| Application: | ELISA |

Product Details

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| Sample Type: | Cell Culture Supernatant, Serum, Plasma (heparin), Plasma (citrate), Plasma (EDTA) |
| Analytical Method: | Quantitative |
| Detection Method: | Colorimetric |
| Specificity: | Natural and recombinant Mouse IL-25(IL-17E) Ligand |
| Sensitivity: | 15 pg/mL |
| Material not included: | <ul style="list-style-type: none">• Microplate reader.• Pipettes and pipette tips.• EP tube Deionized or distilled water. |

Target Details

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| Target: | IL-25 (IL25) |
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Target Details

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| Alternative Name: | IL-25(IL-17E) (IL25 Products) |
| Background: | IL-25 (also known as IL-17E) is a member of the IL-17 family of proinflammatory cytokines, which includes IL-17A, IL-17B, IL-17C, IL-17F and IL-17A/F. IL-17E is found at low levels in various peripheral tissues. It is a proinflammatory cytokine that promotes airway eosinophilia in mice. IL-17E plays a role in Th2 type inflammatory diseases, such as asthma and atopic dermatitis. IL-25 induces elevated gene expression of IL-4, IL-5 and IL-13 in multiple tissues and results in T helper 2 (TH2)-type immune responses (increased serum IgE levels) and pathologic changes in the lungs and digestive tract with eosinophilic infiltrates, increased mucus production, epithelial cell hyperplasia and overall amplified allergic inflammation. IL-25 shares the receptor IL-17RB with IL-17B, although it binds with much higher affinity than IL-17B. |

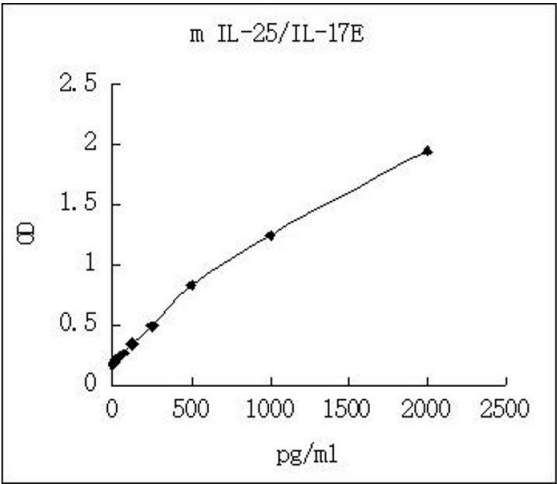
Application Details

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| Application Notes: | Detection Wavelength: 450 nm |
| Sample Volume: | 20 µL |
| Assay Time: | 3 h |
| Plate: | Pre-coated |
| Restrictions: | For Research Use only |

Handling

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| Storage: | 4 °C |
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Images



ELISA

Image 1.