

# Product Datasheet

## Human IL-4 ELISA Kit (Colorimetric) NBP1-91171

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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Updated 10/23/2024 v.20.1

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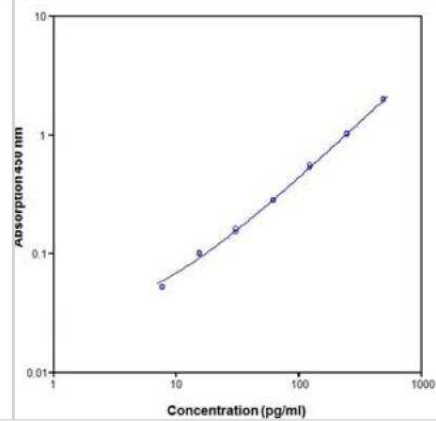


**NBP1-91171****Human IL-4 ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	96 Tests
<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>Description</b>	This kit is an enzyme-linked immunosorbent assay for quantitative detection.
<b>Gene ID</b>	3565
<b>Gene Symbol</b>	IL4
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a human IL-4 positive serum. There was no crossreactivity detected.
<b>Kit Components</b>	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to human IL-4, Biotin-Conjugate anti-human IL-4 polyclonal antibody, Streptavidin-HRP, Human IL-4 Standard lyophilized, 1 ng/mL upon reconstitution, Sample Diluent, Assay Buffer Concentrate 20x (PBS with 1% Tween 20 and 10% BSA), Amplification Diluent Concentrate (2x), Amplification Reagent I*, Amplification Reagent II, Wash Buffer Concentrate 20x (PBS with 1% Tween 20), Substrate Solution, Stop Solution (1M Phosphoric acid), Adhesive Films, * reagent contains ethyl alcohol
<b>Standard Curve Range</b>	7.8 - 500 pg/mL
<b>Sensitivity</b>	1.3 pg/mL
<b>Inter Assay</b>	CV% < 5.60%
<b>Intra Assay</b>	CV% < 4.80%
<b>Assay Type</b>	Sandwich ELISA
<b>Spiking Recovery</b>	The unspiked serum was used as blank in these experiments. The recovery ranged from 75% to 111% with an overall mean recovery of 94%.
<b>Suitable Sample Type</b>	Cell culture supernatant, serum, plasma, urine
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

**Images**

Human IL-4 ELISA Kit [NBP1-91171] - Data for Human IL-4 Platinum ELISA





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### **Products Related to NBP1-91171**

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NBP2-35252-5ug	Recombinant Rat IL-4 Protein
210-TA-005	TNF-alpha [Unconjugated]
6507-IL-010/CF	IL-4 [Unconjugated]
M6000B-1	IL-6 [HRP]

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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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