

# Product Datasheet

## Human Jak1 ELISA Kit (Colorimetric) NBP2-80249

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP2-80249****Human Jak1 ELISA Kit (Colorimetric)****Product Information**

<b>Unit Size</b>	1 Kit
<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.

**Product Description**

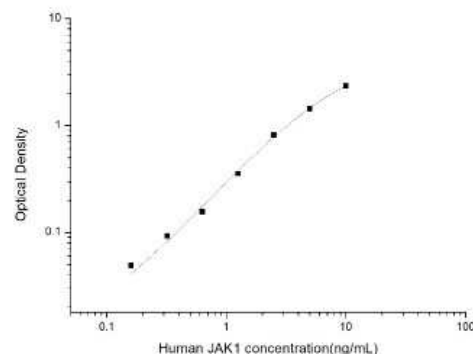
<b>Gene ID</b>	3716
<b>Gene Symbol</b>	JAK1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This kit recognizes Human JAK1 in samples. No significant cross-reactivity or interference between Human JAK1 and analogues was observed.
<b>Kit Components</b>	Micro ELISA Plate(Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100X), Concentrated HRP Conjugate (100X), Reference Standard and Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25X), Substrate Reagent, Stop Solution, Plate Sealer, Product Description, Certificate of Analysis
<b>Standard Curve Range</b>	0.156-10 ng/mL
<b>Sensitivity</b>	0.094 ng/mL
<b>Inter Assay</b>	CV% < 5.96%
<b>Intra Assay</b>	CV% < 5.22%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	86-105%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 ul

**Product Application Details**

<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

**Images**

ELISA: Human Jak1 ELISA Kit (Colorimetric) [NBP2-80249] - Standard Reference Curve

**Publications**

Galecka M, Szemraj J, Su KP et al. Is the JAK-STAT Signaling Pathway Involved in the Pathogenesis of Depression? Journal of clinical medicine 2022-04-06 [PMID: 35407663] (ELISA)





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### **Products Related to NBP2-80249**

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H00003716-Q01-10ug	Recombinant Human Jak1 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
MAB4260	Jak1 Antibody (413104) [Unconjugated]
D6050	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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