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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL6R (Human) ELISA Kit

Catalog Number: KA0523

Regulatory Status: For research use only (RUO)

Product Description: IL6R (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human IL6R.

Calibration Range: 31.2 to 2000 pg/mL

Limit of Detection: 31.2 pg/mL

Suitable Sample: Cell Culture Supernatant, Plasma, Serum

Sample Volume: 100 μ L

Label: HRP-conjugate

Detection Method: Colorimetric

Intra-Assay: 6.61%

Inter-Assay: 6.68%

Spiking Recovery: Serum: 101.00%, Plasma: 100.00%,
Cell Culture Supernatant: 99.00%

Regulation Status: For research use only (RUO)

Reactivity: Human

Applications: Quant

(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Instruction: Store the kit at 4°C.

Entrez GeneID: 3570

Gene Symbol: IL6R

Gene Alias: CD126, IL-6R-1, IL-6R-alpha, IL6RA,
MGC104991

Gene Summary: Interleukin 6 (IL6) is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in immune response. The protein encoded by this gene is a subunit of the receptor complex for IL6. The IL6 receptor is a protein complex consisting of this protein and interleukin 6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

References:

1. Human soluble IL-6 receptor: its detection and enhanced release by HIV infection. Honda M, Yamamoto S, Cheng M, Yasukawa K, Suzuki H, Saito T, Osugi Y, Tokunaga T, Kishimoto T. *J Immunol.* 1992 Apr 1;148(7):2175-80.
2. Preparation of soluble murine IL-6 receptor and anti-murine IL-6 receptor antibodies. Saito T, Yasukawa K, Suzuki H, Futatsugi K, Fukunaga T, Yokomizo C, Koishihara Y, Fukui H, Ohsugi Y, Yawata H, et al.. *J Immunol.* 1991 Jul 1;147(1):168-73.
3. Purification and characterization of soluble human IL-6 receptor expressed in CHO cells. Yasukawa K, Saito T, Fukunaga T, Sekimori Y, Koishihara Y, Fukui H, Ohsugi Y, Matsuda T, Yawata H, Hirano T, et al.. *J Biochem.* 1990 Oct;108(4):673-6.