

Product Datasheet

IL-21 Antibody Pair [Biotin] NBP3-57707-1Set

Unit Size: 1 Set

Storage of components varies. See protocol for specific instructions.

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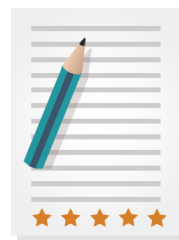
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NBP3-57707-1Set

IL-21 Antibody Pair [Biotin]

Product Information	
Unit Size	1 Set
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Storage of components varies. See protocol for specific instructions.
Conjugate	Biotin
Product Description	
Description	The kit contains a capture antibody, detection antibody, and recombinant protein standard for assay development. These antibodies have been validated to function together in an ELISA format using the provided standard. Optimal buffers, antibody concentrations, incubation times, temperatures, and assay conditions have not been predetermined, allowing researchers to optimize assay sensitivity and dynamic range based on their specific sample type and experimental requirements. The quantities of kit components are not matched, and individual components may be purchased separately. This product is for research use only.
Gene ID	59067
Gene Symbol	IL21
Species	Canine
Reactivity Notes	Species with 100% Homology: Canis lupus dingo (dingo), Nyctereutes procyonoides (raccoon dog)
Assay Type	Sandwich ELISA
Suitable Sample Type	Cell culture supernatants. With minor modifications to the assay procedure, this ELISA may also be used to measure IL-21 in additional biological sample types reported in the literature, including serum, plasma, peripheral blood mononuclear cell (PBMC) culture supernatants, and tissue homogenates or lysates, depending on the experimental model and physiological context. This flexibility supports a wide range of immunology and translational research applications. Reported measurements: Canine IL-21 has been detected in serum (~50-300 pg/mL), plasma (~30-200 pg/mL), and PBMC culture supernatants (~100-800 pg/mL under stimulation conditions), although levels vary depending on immune activation, infection, or experimental treatment.
Sample Volume	100 ul





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Antibody Pairs are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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