

BlueKit®

Cell Residual Human IL-21 ELISA Detection Kit

Overview

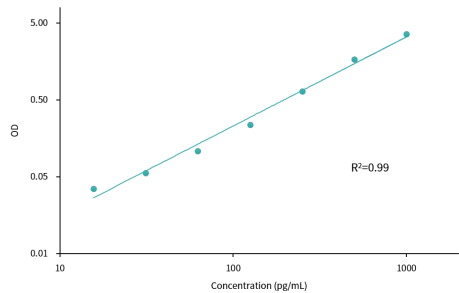
Cat.No. HG-IL021

BlueKit® series cell residual human IL-21 ELISA detection kits use the double-antibody sandwich method to detect IL-21 protein in samples. IL-21 specific monoclonal antibodies are coated on microwell plates, and standards or samples to be tested are added to the reaction wells. Samples were added anti-IL-21 secondary antibody at the same time, and incubated at room temperature to form antibody-antigen-secondary antibody complexes. Wash to remove unbound matter, and the protein content in the sample is indicated by the degree of TMB color development.

Specification

- Assay range: 15.63-1000pg/mL
- Detection sensitivity: 1.34pg/mL
- Precision: CV% ≤ 10%, RE% ≤ ±15%

Standard curve



Datasheet

Concentration of standard (pg/mL)	OD value1	OD value2	Mean value
1000.00	3.5504	3.6410	3.596
500.00	1.6473	1.7458	1.697
250.00	0.6417	0.6588	0.650
125.00	0.2261	0.2519	0.239
62.50	0.1038	0.1112	0.108
31.25	0.0529	0.0596	0.056
15.63	0.0339	0.0363	0.035
0.00	0.0173	0.0152	0.016