

ELISA Solutions for Covid-19 Research

Indirect and sandwich ELISA kits to study SARS-CoV-2

Understanding the novel coronavirus and curbing the spread of COVID-19 requires a diverse array of reagents. One of the most important tools is Enzyme-Linked Immunosorbent Assays (ELISAs), qualitative and quantitative tests for detection of different molecules. In the case of SARS-COV-2 and COVID-19, these kits detect patient immunoglobulins against viral proteins to assess

immunity. Emerging evidence suggests that hyperactivity of the immune system after SARS-COV-2 infection can trigger excessive release of cytokines such as IL-6, TNF alpha and IFN gamma. This rapid immune escalation is called the cytokine storm syndrome and can lead to severe lung damage and death.

Proteintech's ELISA solutions for Covid-19 research covers

- SARS CoV-2 N Protein
- SARS CoV-2 RBD Immunoglobulins
- SARS CoV-2 N protein Immunoglobulins
- Cytokine ELISAs

Proteintech offers well-validated and highly sensitive indirect and sandwich ELISA kits for detecting immunoglobulins against SARS-CoV-2 proteins and the cytokines involved in cytokine release syndrome. These kits are developed and validated to detect IgG and IgM

immunoglobulins against Receptor Binding Domain (RBD) of SARS-CoV-2 Spike protein (S protein) and Nucleocapsid protein (N Protein). Proteintech's wide range of cytokine-specific ELISA kits are extensively validated using in-house developed, human cell-expressed cytokines.

ELISA kits for detection and quantification of SARS-CoV-2 proteins and Immunoglobulins

Catalogue No.	Product name	Species reactivity	Sample type	Range
KE30001	Anti-SARS-CoV-2 N protein Human IgG ELISA Kit	Human	Serum,Plasma	8-128 ng/mL
KE30002	Anti-SARS-CoV-2 N protein Human IgM ELISA Kit	Human	Serum,Plasma	
KE30003	Anti-SARS-CoV-2 S-RBD protein Human IgG ELISA Kit	Human	Serum,Plasma	6.25-200 ng/mL
KE30004	Anti-SARS-CoV-2 S-RBD protein Human IgM ELISA Kit	Human	Serum,Plasma	
KE30005	Total antibody (IgG and IgM) SARS-CoV-2 N protein ELISA Kit	Human	Serum,Plasma	2-128 ng/mL
KE30006	Total antibody (IgG and IgM) SARS-CoV-2 S-RBD ELISA Kit	Human	Serum,Plasma	6.25-200 ng/mL
KE30007	SARS-CoV-2 N protein ELISA Kit	Virus	Serum,Plasma	375-6000 pg/mL

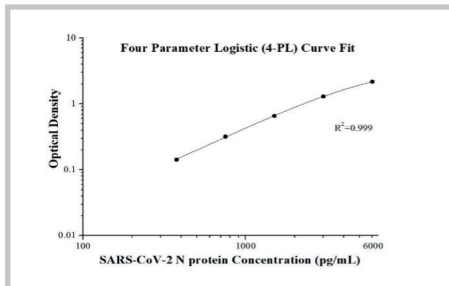
SARS-CoV-2 N protein ELISA Kit

SARS-CoV-2 N protein ELISA Kit

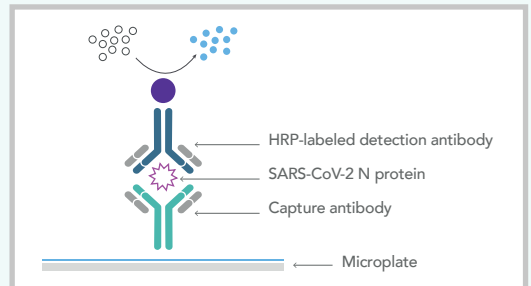
Catalog Number: KE30007

Sensitivity: 38 pg/mL

Range: 375-6000 pg/mL



SARS-CoV-2 N protein ELISA Kit is a solid phase sandwich Enzyme Linked-Immuno-Sorbent Assay (Sandwich ELISA). The SARS-CoV-2 N protein ELISA kit is to be used to detect and quantify protein levels of endogenous SARS-CoV-2 N protein. The assay recognizes human SARS-CoV-2 N protein.



Sandwich ELISA kits for quantification of cytokines involved in SARS-CoV-2 associated Cytokine storm

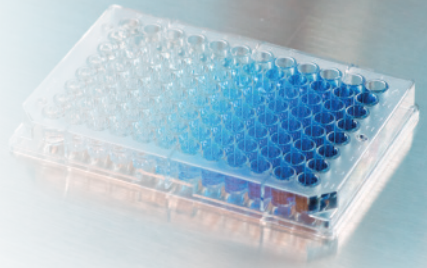
Catalogue No.	Product name	Species reactivity	Sample type	Range
KE00139	AuthentiKine™ Human IL-6 Sandwich ELISA Kit	Human	Serum, Plasma, Cell culture supernatants	1.2 pg/mL
KE00021	AuthentiKine™ Human IL-10 ELISA Kit	Human	Serum, Plasma, Cell culture supernatants	2.3 pg/mL
KE00017	AuthentiKine™ Human IFN-gamma ELISA Kit	Human	Serum, Plasma, Cell culture supernatants	0.4 pg/mL
KE00006	AuthentiKine™ Human TNF-alpha ELISA Kit	Human	Serum, Plasma, Cell culture supernatants	8.6 pg/mL
KE00170	Human IL-1 beta ELISA Kit	Human	Serum, Plasma, Cell culture supernatants	1.5 pg/mL
KE00106	Human IL-2 ELISA Kit	Human	Serum, Plasma, Cell culture supernatants	3.6 pg/mL
KE00003	Human IL-8 ELISA Kit	Human	Serum, Plasma, Cell culture supernatants	1.0 pg/ml
KE00146	Human G-CSF ELISA Kit	Human	Serum, Plasma, Cell culture supernatants	0.4 pg/mL
KE00091	Human GM-CSF ELISA Kit	Human	Serum, Plasma, Cell culture supernatants	1.0 pg/mL
KE00154	Human MCP-1 ELISA Kit	Human	Serum, Plasma, Cell culture supernatants	6.9 pg/mL
KE00116	Human IL-1R1 ELISA Kit	Human	Serum, Plasma, Cell culture supernatants	5.0 pg/mL

Over 300 ELISA Kits available

Browse Proteintech's catalogue of over 300 ready-to-use two-site sandwich ELISA kits

Browse the full range at ptglab.com





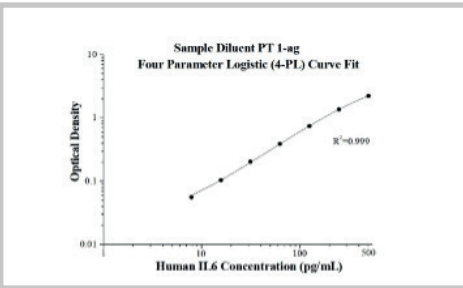
AuthentiKine™ Human IL-6 Sandwich ELISA Kit

AuthentiKine™ Human IL-6 ELISA Kit

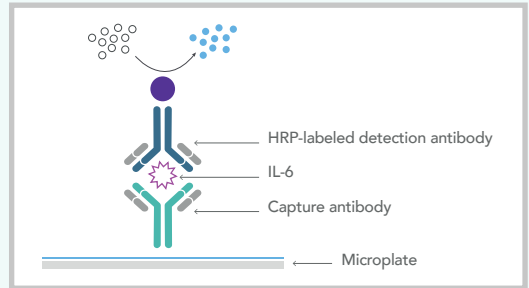
Catalog Number: KE00139

Sensitivity: 1.2 pg/mL

Range: 7.8-500 pg/mL



AuthentiKine™ Human IL-6 Sandwich ELISA Kit is a solid phase sandwich Enzyme Linked-Immuno-Sorbent Assay (Sandwich ELISA). The IL6 ELISA kit is to be used to detect and quantify protein levels of endogenous IL6. The assay recognizes human IL6.



Scan here to learn more about Proteintech ELISAs

View our full selection of ELISA kits for proteins, cytokines, growth factors, chemokines, and SARS-CoV-2 proteins.



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