

CHAMOT

Human anti-SARS-CoV & CoV-2 NP Antibody (IgG), clone 104,
Ultra Sensitive

CM012-0.1A1CoV



CHAMOT

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Human anti-SARS-CoV & CoV-2 NP Antibody (IgG), clone 104, Ultra Sensitive

编号: CM012-0.1A1CoV

规格: 100 µg

类别: 一抗

应用: ELISA/CLIA/LFIA

产品简介

产品描述: Human anti-SARS-CoV & CoV-2 NP antibody recognize human SARS Coronavirus Nucleocapsid protein (NP). Coronavirus NP localize to the cytoplasm and the nucleolus in both Virus-like particle (VLP) infected primary cells and in cells transfected with NP plasmid. NP has abundant expression in coronavirus and is a highly immunogenic phosphoprotein. NP is also conserved in sequence. Due to these characteristics above, the NP is an ideal marker for diagnosis

类型: 重组人 IgG , clone104

浓度: 1 mg/mL

免疫原: N/A

宿主: N/A

反应种属: Recognize SARS-CoV & CoV-2 NP in Lateral Flow, when clone 103 antibody was paired with Mouse anti-SARS-CoV & CoV-2 NP mAb, clone 102-7, Human anti-SARS-CoV & CoV-2 NP Antibody (IgG) , or clone 103.

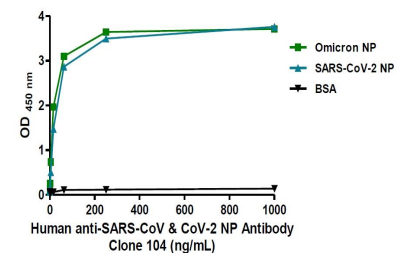
偶联标记: N/A

亚型: IgG1

纯度: >95% (SDS-PAGE)

物理状态: 液体

ELISA Data



ELISA titration of Human anti-SARS-CoV & CoV-2 NP Antibody, clone 104

Recognize mutant coronavirus nucleocapsid proteins:

	Mutations	Variant
1	D3L, S235F	Alpha (B.1.1.7)
2	T205I	Beta (B.1.351)
3	P80R	Gamma (P.1)
4	D377Y	(B.1.617)
5	P199L, M234I	Iota (B.1.526)
6	A12G, T205I	Eta (B.1.525)
7	R203M, D377Y	Kappa (B.1.617.1)
8	G18S, A119S, A217S, M234I, E367Q	(B.1.618)
9	D63G, R203M, D377Y	Delta (B.1.617.2)
10	P67S, R203M, D377Y	(B.1.617.3)
11	P13L, R203K, G204R, G214C	Lambda (C.37)
12	D63G, R203M, G215C, D377Y	Delta plus (AY.1)
13	P13L, ERS31-33 deletion, R203K, G204R	Omicron (B.1.1.529)

产品储存

储存: 4°C保存六个月; -20°C可长期保存, 避免反复冻融。
运输: 蓝冰。

产品组成

含 pH7.4 PBS 溶液。

产品应用

产品应用 推荐稀释比及终浓度:

Application	Dilution factor	Final concentration
ELISA	1:5000-20000	0.05-0.2 µg/mL

Note: Application concentration may be various determined by the end user.

WB=Western Blot; IP=Immunoprecipitation; IF=Immunofluorescence; IHC=Immunohistochemistry;
FACS=Fluorescence activated Cell Sorting; FA=Functional Assay

Chamot Biotechnology (Shanghai) Co., Ltd.

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