

TECHNICAL DATA SHEET

PRODUCT NAME: Supernatant of human chimeric IgA anti-Spike-1 clone O4H10

Background: After immunization with S1 antigen of HAMIGA® mouse, a transgenic mouse whose sequence for the Ig heavy chain constant region is replaced by a human IgA sequence, a hybridoma cell line has been established.

STORAGE: Between + 2°C and + 8 °C

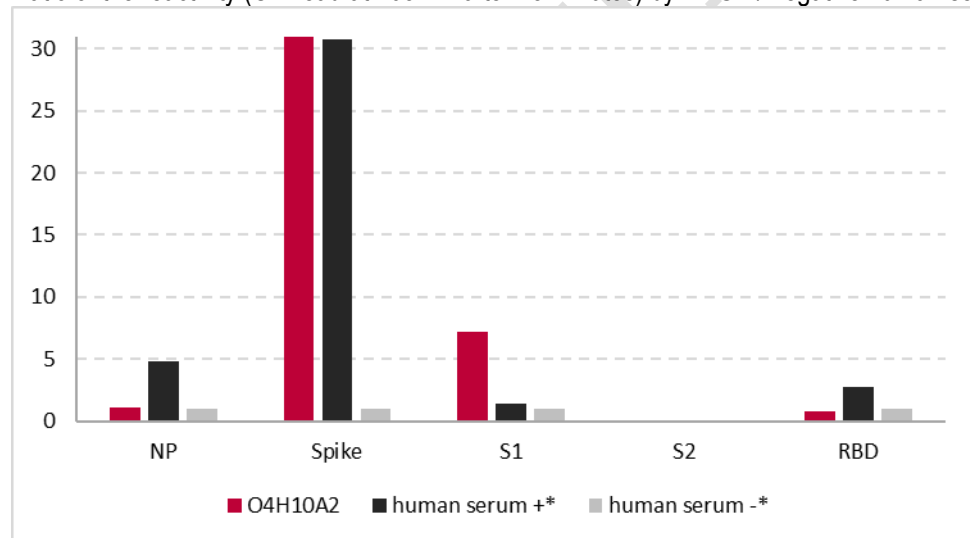
SHELF-LIFE: Two years from manufacturing day

SPECIFICITY: SARS-CoV-2 Spike-1 NTD

Reactivity tested by ArkAb

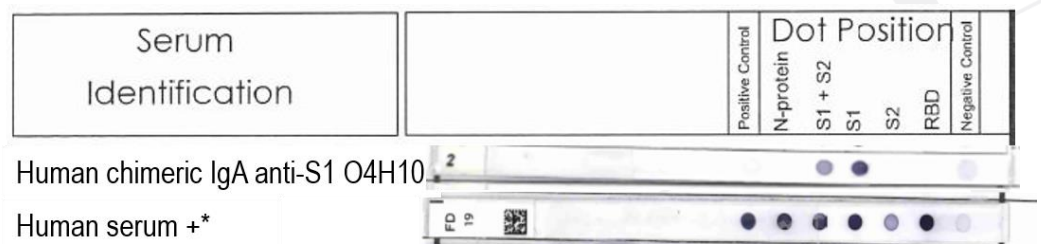
With ArkAb in-house ELISA vs positive human serum*

Ratio of the reactivity (OD read at 405 nm after 15 minutes) by ELISA / negative human serum*



* Human sera confirmed positive + or negative - by validated assays (Nucleocapsid IgA+ Spike IgA)

With d-tek Covidot 5IgG (adapted in IgA) vs positive human serum* :



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Reactivity tested by other IVD manufacturers

Ig	Immunogen	Clone	D-tek Immunoblot Blue diver					
			NP	S (S1+S2)	S1	S2	RBD	Other coronavirus
IgA	S1	O4H10A2	neg	Pos	Pos	neg	neg	neg

Ig	Immunogen	Clone	InnoBioChips CoViDiag				
			NP	S1	S2	RBD	NTD
IgA	S1	O4H10A2	neg	Pos	neg	neg	Pos

Ig	Immunogen	Clone	Bead based fluorescent multiplex test				
			NP	S	S1	S2	RBD
IgA	S1	O4H10A2	neg	Pos	Pos	ND	neg

ND=Not determined

SAFETY STATEMENT: **not infectious - biological product from *in vitro* production**

For research or further manufacturing use only . Not for use in diagnostics procedures.

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