

**TECHNICAL DATA SHEET**

**PRODUCT NAME:** Supernatant of human chimeric IgM anti-Spike clone F1C3

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

**STORAGE:** Between + 2°C and + 8 °C

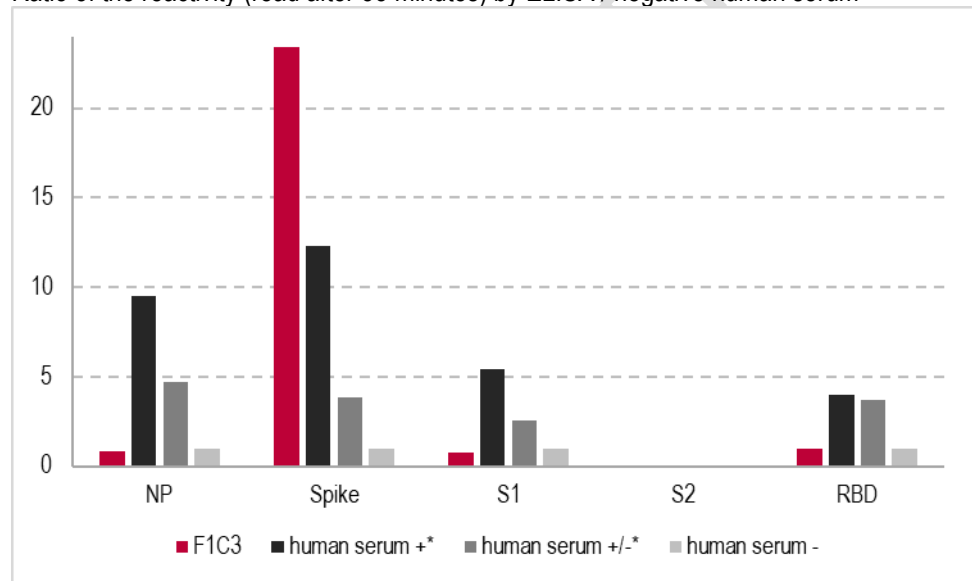
**SHELF-LIFE:** Two years from manufacturing day

**SPECIFICITY:** SARS-CoV-2 Spike S2

**Reactivity tested by ArkAb**

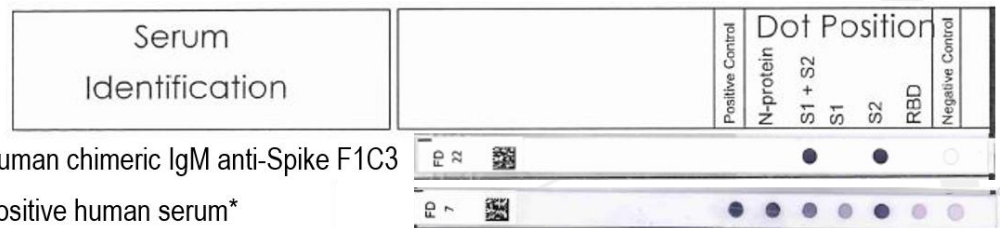
**With ArkAb in-house ELISA vs positive human serum\***

Ratio of the reactivity (read after 55 minutes) by ELISA / negative human serum\*



\* Human sera confirmed positive +, medium +/- or negative - by validated assays (Nucleocapsid IgM + Spike IgM)

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



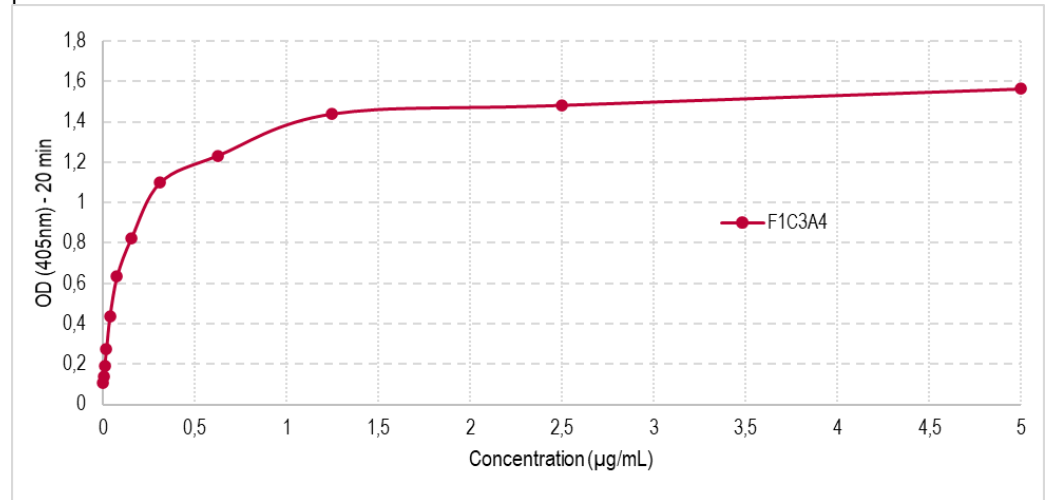
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**Sensitivity curve:**

Reactivity tested by ELISA with S2 protein coated at 1 µg/ml or 100 ng/well on immunoassay plates:



**Reactivity tested by other IVD manufacturers**

Ig	Immunogen	Clone	ELISA results (beads) Cut-off = 10000					D-tek Immunoblot Blue diver					
			NP	SPIKE	S1	S2	RBD	NP	S (S1+S2)	S1	S2	RBD	Other coronavirus
IgM	Spike	F1C3	neg	Pos	neg	ND	neg	neg	Pos	neg	Pos	neg	neg

ND = Not Determined

Ig	Immunogen	Clone	InnoBioChips CoViDiag				
			NP	S1	S2	RBD	NTD
IgM	Spike	F1C3	neg	neg	Pos	neg	neg

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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