

**DESIGNATION OF CELL LINE AND PRODUCT: LO-hG4-1**

**IMMUNOGEN:**

**SUBSTANCE NAME:** Purified Human IgG4  
**GENUS SPECIES :** Homo sapiens - Human

**IMMUNOCYTE DONOR:**

**GENUS SPECIES :** Rattus norvegicus – rat  
**STRAIN :** LOU/C

**IMMORTAL CELL PARTNER :**

**DESIGNATION :** non secreting LOU/C rat IR983F fusion line (1)

**HYBRIDOMA CELLS AND MONOCLONAL ANTIBODY :**

**CLASS OF ANTIBODY PRODUCED:** Rat Kappa IgG1  
**NAME FOR CELL LINE:** LO-hG4-1 HYBRIDOMA  
**NAME FOR PRODUCT:** LO-hG4-1 MONO Ab

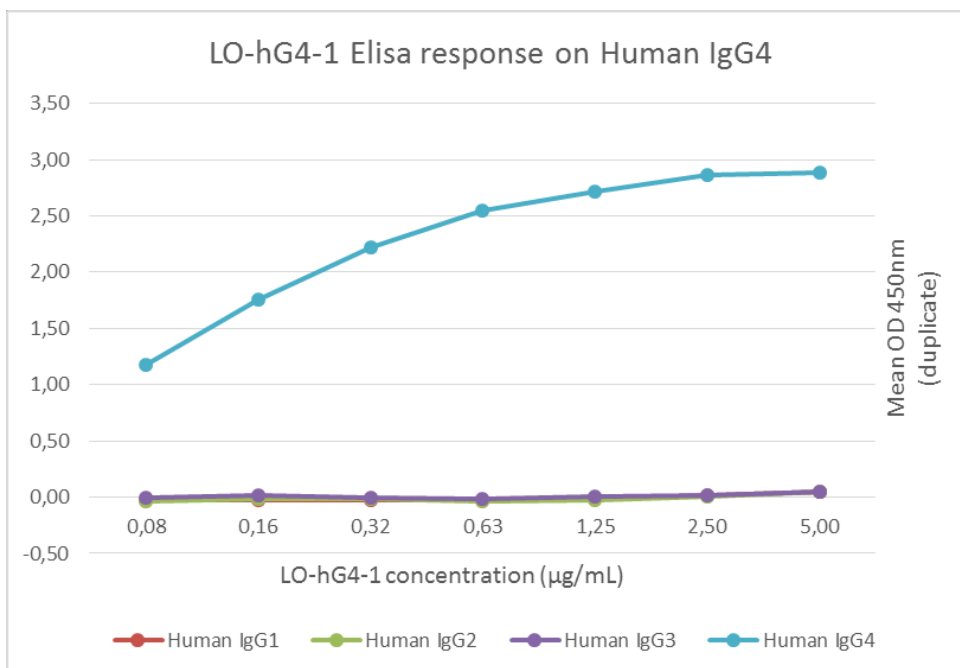
**REACTIVITY:**

Human gamma 4 heavy chain of immunoglobulin

**APPLICATIONS : Cf REACTIVITY**

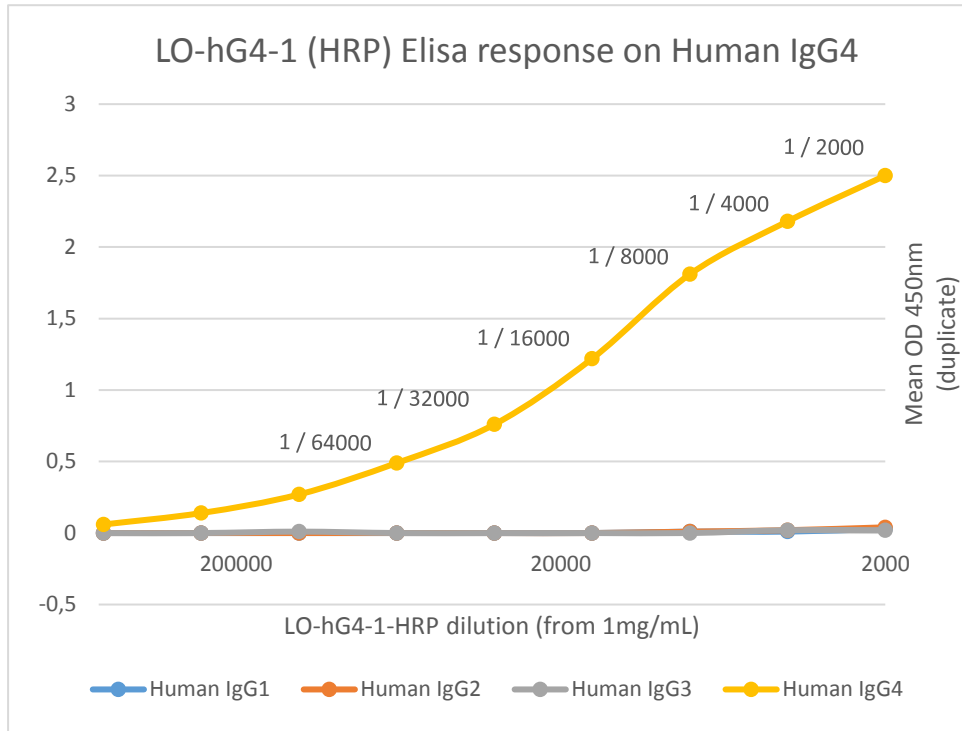
- CAPTURE ELISA: MIDDLE BINDING ON PLASTICS
- CAN BE LABELLED WITH PEROXIDASE
- CAN BE USED AS SECOND ANTIBODY IN IMMUNOASSAYS

**SPECIFICITY ON ELISA (unconjugated form) :**



- Secondary antibody : MARK-1 HRPO

**SPECIFICITY ON ELISA (HRP form)**



LO-hG4-1 (1mg/mL) dilutions	IgG1	IgG2	IgG3	IgG4
2000	0,090	0,100	0,080	2,590
4000	0,070	0,080	0,080	2,270
8000	0,070	0,070	0,060	1,900
16000	0,060	0,060	0,060	1,310
32000	0,060	0,060	0,060	0,850
64000	0,060	0,060	0,060	0,580
128000	0,060	0,060	0,070	0,360
256000	0,060	0,060	0,060	0,230
512000	0,060	0,060	0,060	0,150
0	0,060	0,060	0,060	0,090

- LO-hG4-1 HRP labelled

**FORMAT AVAILABLE:**

- Azide Free
- Endotox Free
- Custom labeling available on the full catalog or on request (Phycoerythrin, HRP, FITC, Alexa Fluor, ...)
- In cocktail with another antibody

**FOR RESEARCH ONLY**