

DESIGNATION OF CELL LINE AND PRODUCT: LO-hG4-5

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-hG4-5 HYBRIDOMA
NAME FOR PRODUCT: LO-hG4-5 MONO Ab

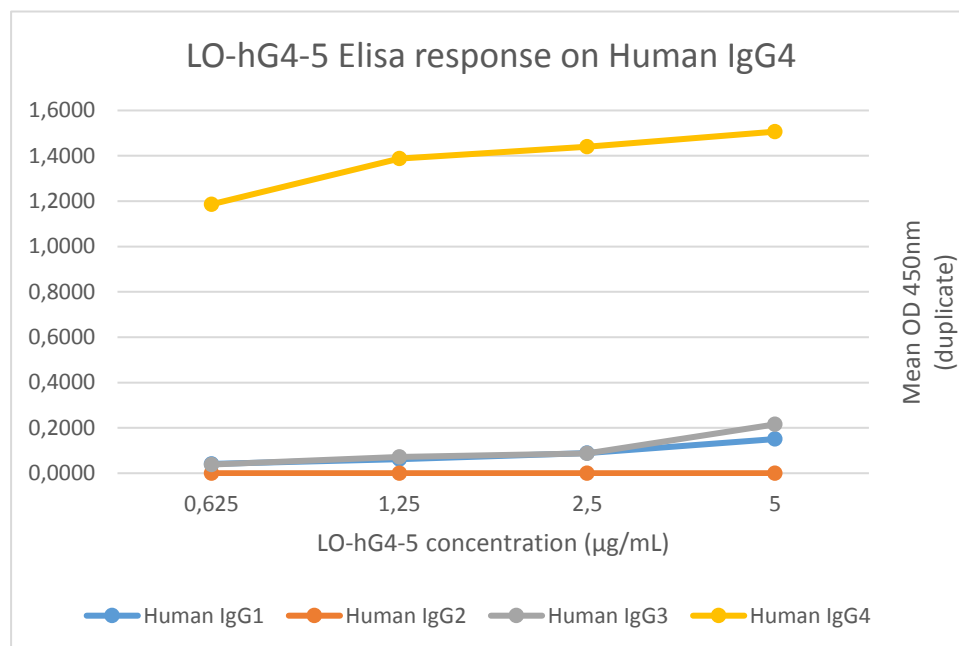
REACTIVITY:

Human gamma 4 heavy chain of immunoglobulin

APPLICATIONS : Cf REACTIVITY

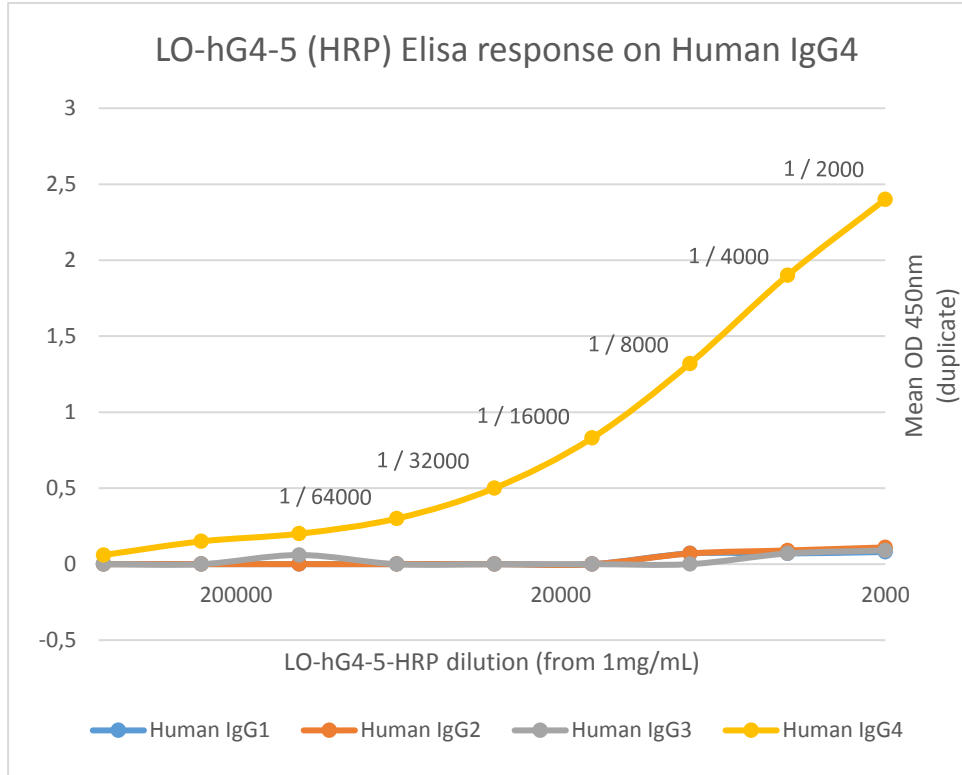
- CAPTURE ELISA: MIDDLE BINDING ON PLASTICS
- CAN BE LABELLED WITH PEROXIDASE
- CAN BE USED AS SECOND ANTIBODY IN IMMUNOASSAYS

SPECIFICITY ON ELISA (unconjugated form) :



- Secondary antibody : MARK-1 HRPO

SPECIFICITY ON ELISA (HRP form)



LO-hG4-5 (1mg/mL) dilutions	IgG1	IgG2	IgG3	IgG4
2000	0,100	0,150	0,110	2,730
4000	0,080	0,110	0,090	2,400
8000	0,070	0,090	0,070	1,900
16000	0,070	0,070	0,070	1,320
32000	0,060	0,070	0,060	0,830
64000	0,060	0,060	0,060	0,500
128000	0,060	0,060	0,060	0,300
256000	0,060	0,060	0,060	0,200
512000	0,060	0,060	0,060	0,150
0	0,060	0,060	0,060	0,060

- LO-hG4-5 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