

Certificate of analysis

Cat. number: **991000**

Name: **Human IgG Subclass ELISA Kit**

Lot number: **439689-001**

Expiry Date: **2026-02**

Components		Quantity	Lot	Store at
40150	IgG Antibody-Coated Wells	2 each	429773-000	2-8°C
50270HK	mAb Anti-Human IgG 1	1 x 2.5 ml	429778-000	2-8°C
50271HK	mAb Anti-Human IgG 2	1 x 2.5 ml	429779-000	2-8°C
50272HK	mAb Anti-Human IgG 3	1 x 2.5 ml	429780-000	2-8°C
50273HK	mAb Anti-Human IgG 4	1 x 2.5 ml	429781-000	2-8°C
50287HK	h. IgG Subclass Standard (dissolve in 1000µl)	2 each	346347-000	2-8°C
50177HK	Peroxidase Anti-Human IgG	1 x 0.5 ml	429777-000	2-8°C
50173	h. Serum Control (dissolve in 1000µl)	2 each	432188-000	2-8°C
50289HK	Diluent Buffer	1 x 135 ml	429775-000	2-8°C
WB25-100	Wash Buffer Concentrate (25x)	1 x 100 ml	24079507	2-8°C
SB01	Stabilized Chromogen	1 x 25 ml	413541-000	2-8°C
SS03	Stop Solution	1 x 25 ml	24034661	2-8°C
SVM16	Plate Covers	2 each		2-8°C

h. IgG Subclass Standard Lot#346347-000

Below is the concentration of each IgG when diluted serially in half. Standard (µg/mL)

	IgG1	IgG2	IgG3	IgG4
Neat	13,720	5,320	1,340	0,760
1:2	6,860	2,660	0,670	0,380
1:4	3,430	1,330	0,335	0,190
1:8	1,715	0,665	0,168	0,095
1:16	0,858	0,333	0,084	0,048
1:32	0,429	0,166	0,042	0,024

h. Serum Control Lot#432188-000

IgG1 Range: 2.00 - 4.50 µg/ml
IgG2 Range: 0.80 - 2.00 µg/ml
IgG3 Range: 0.20 - 0.50 µg/ml
IgG4 Range: 0.10 - 0.40 µg/ml

Analytical information:

This product has been tested by Quality Control and passed internal specifications.

Quality control:

A handwritten signature in black ink, appearing to read "J. J. J. J.", is positioned to the right of the "Quality control:" text.

For Research Use Only. Not for use in diagnostic procedures. If you have any further questions about this Certificate of Analysis, please contact Technical Services at 1-800-955-6288 (US and Canada) or 1-760-603-7200, x2 (all other countries).
For inquiries, contact us at ["thermofisher.com/askaquestion"](https://www.thermofisher.com/askaquestion)