

Certificate of analysis

Cat. number: **991000**

Name: **Human IgG Subclass ELISA Kit**

Lot number: **423936-001**

Expiry Date: **2025-09**

Components

Components	Quantity	Lot	Store at
40150 Coated Microwell Strips	2 each	346346-000	2-8°C
50270HK mAb Anti-Human IgG 1	1 x 2.5 ml	353492-000	2-8°C
50271HK mAb Anti-Human IgG 2	1 x 2.5 ml	353493-000	2-8°C
50272HK mAb Anti-Human IgG 3	1 x 2.5 ml	353494-000	2-8°C
50273HK mAb Anti-Human IgG 4	1 x 2.5 ml	422055-000	2-8°C
50287HK Standard Protein (dissolve in 1000µl)	2 each	422054-000	2-8°C
50177HK Peroxidase Anti-Human IgG	1 x 0.5 ml	353491-000	2-8°C
50173 h. Serum Control (dissolve in 1000µl)	2 each	423170-000	2-8°C
50289HK Diluent Buffer	1 x 135 ml	346776-000	2-8°C
WB25-100 Wash Buffer Concentrate (25x)	1 x 100 ml	23107597	2-8°C
SB01 Stabilized Chromogen	1 x 25 ml	402151-000	2-8°C
SS03 Stop Solution	1 x 25 ml	24034661	2-8°C
SVM16 Plate Covers	2 each		2-8°C

Standard Protein Lot#422054-000

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#423170-000

IgG1 Range: 2.50 - 6.00 µg/ml
IgG2 Range: 1.00 - 2.20 µg/ml
IgG3 Range: 0.20 - 0.50 µg/ml
IgG4 Range: 0.10 - 0.30 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. 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)