

Human IgE B cell ELISPOT Kit with Sterile PVDF Plates

Catalog No: CKH027

Lot: xxxxx

Size: 5-plate format

Expiration Date: xx.xx.xxxx

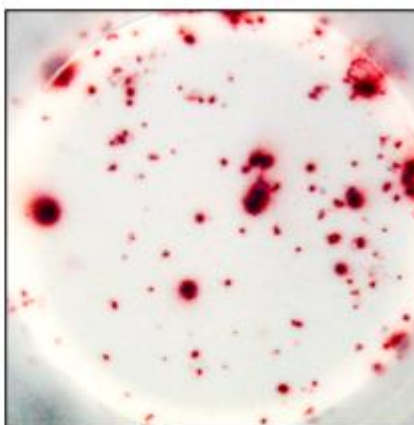
Contents of the kit:

Catalog #	Item	Quantity (5-plate format)	Storage Temp.
CKH027-A	Coating antibody for Assay I	1 vial	4°C
CKH027-B	Biotinylated detection antibody	1 vial	4°C
CKH027-C	Streptavidin-HRP conjugate	1 vial	-20°C
CKH027-L	Recombinant IL-4	1 vial	-20°C
CKH027-M	Anti-CD40	1 vial	4°C
	AEC coloring system:		
CKH027-D	I. AEC stock solution	1 vial (4 ml)	-20°C
CKH027-E	II. Substrate buffer capsules	1 vial (5 ml)	RT
CKH027-F	Blocking stock solution (10x)	1 vial (10 ml)	4°C
CKH027-G	Dilution buffer R (10x)	1 vial (10 ml)	4°C
CKH027-H	Tween-20	1 vial (5 ml)	RT
CKH027-P	96-well ELISpot plate with lid	5 plates	RT
CKH027-S	Adhesive cover slip	10 slips	RT

Typical data for CKH027:



Total number of IgE secreting cells
1x10⁵ cells/well (Assay I)
Stimulus preincubation: none



Total number of IgE secreting cells
1x10⁵ cells/well (Assay I)
Stimuli preincubation: IL-4 + anti-CD40

Example of IgE specific spots produced by human PBMC.

B cell activation: 2x10⁶ cells/ml, 4 days preincubation without stimulus (left) or in the presence of recombinant IL-4 and anti-CD40 (right).
Incubation ELISPOT: 20 hours.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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