

Mouse IgG2b B cell ELISPOT Kit with Sterile PVDF Plates

Catalog No: CKM071

Lot: xxxxx

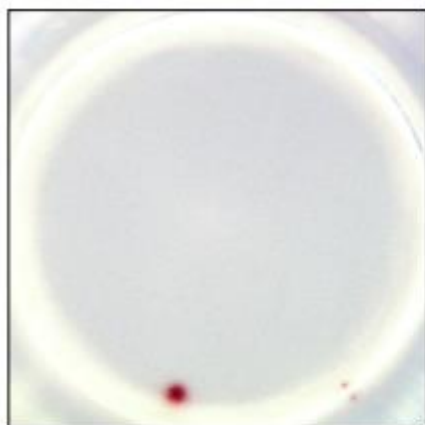
Size: 5-plate format

Expiration Date: xx.xx.xxxx

Contents of the kit:

Catalog #	Item	Quantity (5-plate format)	Storage Temp.
CKM071-A	Coating antibody1 for Assay I	1 vial	4°C
CKM071-B	Biotinylated detection antibody	1 vial	4°C
CKM071-C	Streptavidin-HRP conjugate	1 vial	-20°C
CKM071-J	Recombinant IL-2	1 vial	-20°C
CKM071-K	R848 (Resiquimod)	0.25 ml	-20°C
	AEC coloring system:		
CKM071-D	I. AEC stock solution	1 vial (4 ml)	-20°C
CKM071-E	II. Substrate buffer capsules	1 vial (5 ml)	RT
CKM071-F	Blocking stock solution (10x)	1 vial (10 ml)	4°C
CKM071-G	Dilution buffer R (10x)	1 vial (10 ml)	4°C
CKM071-H	Tween-20	1 vial (5 ml)	RT
CKM071-P	96-well ELISpot plate with lid	5 plates	RT
CKM071-S	Adhesive cover slip	10 slips	RT

Typical data for CKM071:



Total number of IgG_{2b} secreting cells
1x10⁵ cells/well (Assay I)
Stimulus preincubation: none



Total number of IgG_{2b} secreting cells
1x10⁵ cells/well (Assay I)
Stimuli preincubation: IL-2 + R848

Example of IgG_{2b} specific spots produced by mouse (Balb/c) splenocytes.

B cell activation: 5x10⁶ cells/ml, 2 days preincubation without stimulus (left) or in the presence of recombinant IL-2 and R848 (right).

Incubation ELISPOT: 6 hours.

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



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