

Mouse IgG2a B cell ELISPOT Kit with Sterile PVDF Plates

Catalog No: CKM070

Lot: xxxxx

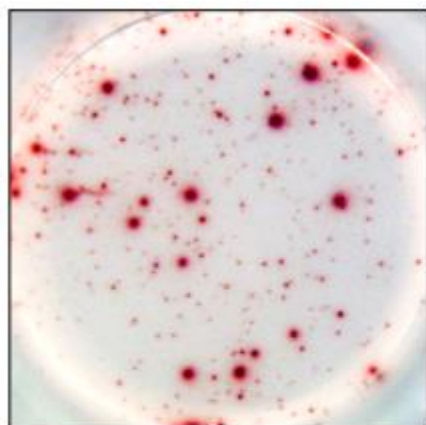
Size: 5-plate format

Expiration Date: xx.xx.xxxx

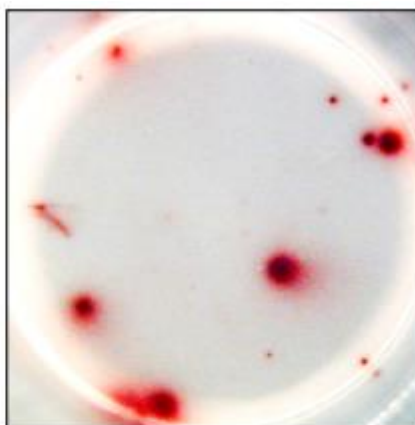
Contents of the kit:

Catalog #	Item	Quantity (5-plate format)	Storage Temp.
CKM070-A	Coating antibody ¹ for Assay I	1 vial	4°C
CKM070-B	Biotinylated detection antibody	1 vial	4°C
CKM070-C	Streptavidin-HRP conjugate	1 vial	-20°C
CKM070-J	Recombinant IL-2	1 vial	-20°C
CKM070-K	R848 (Resiquimod)	0.25 ml	-20°C
	AEC coloring system:		
CKM070-D	I. AEC stock solution	1 vial (4 ml)	-20°C
CKM070-E	II. Substrate buffer capsules	1 vial (5 ml)	RT
CKM070-F	Blocking stock solution (10x)	1 vial (10 ml)	4°C
CKM070-G	Dilution buffer R (10x)	1 vial (10 ml)	4°C
CKM070-H	Tween-20	1 vial (5 ml)	RT
CKM070-P	96-well ELISpot plate with lid	5 plates	RT
CKM070-S	Adhesive cover slip	10 slips	RT

Typical data for CKM070:



Total number of IgG_{2a} secreting cells
1x10⁵ cell/well (Assay I)



Ovalbumin specific IgG_{2a} secreting cells
1x10⁵ cell/well (Assay II)

Example of IgG_{2a} specific spots produced by Ovalbumin-sensitized mouse (Balb/c) splenocytes.
 The Ovalbumin-sensitized mouse was intraperitoneally injected with Ovalbumin on days 0, 7 and 14.
 After a rest period of two weeks, the spleen was removed and processed.
 B cell activation: 5x10⁶ cells/ml, 2 days preincubation in the presence of recombinant IL-2 and R848.
 Incubation ELISPOT: 6 hours.

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



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