

## Mouse IgG1 B cell ELISPOT Kit with Sterile PVDF Plates

**Catalog No:** CKM069

**Lot:** xxxxx

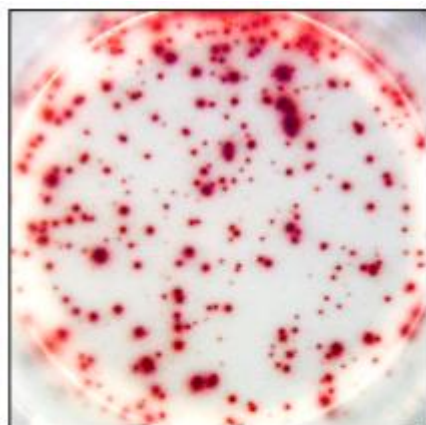
**Size:** 5-plate format

**Expiration Date:** xx.xx.xxxx

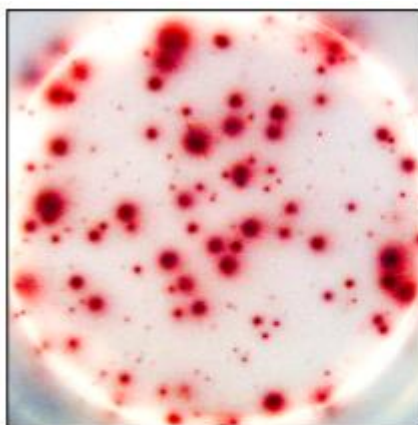
### Contents of the kit:

| Catalog # | Item                                      | Quantity<br>(5-plate format) | Storage Temp. |
|-----------|-------------------------------------------|------------------------------|---------------|
| CKM069-A  | Coating antibody <sup>1</sup> for Assay I | 1 vial                       | 4°C           |
| CKM069-B  | Biotinylated detection antibody           | 1 vial                       | 4°C           |
| CKM069-C  | Streptavidin-HRP conjugate                | 1 vial                       | -20°C         |
| CKM069-J  | Recombinant IL-2                          | 1 vial                       | -20°C         |
| CKM069-K  | R848 (Resiquimod)                         | 0.25 ml                      | -20°C         |
|           | <b>AEC coloring system:</b>               |                              |               |
| CKM069-D  | I. AEC stock solution                     | 1 vial (4 ml)                | -20°C         |
| CKM069-E  | II. Substrate buffer capsules             | 1 vial (5 ml)                | RT            |
| CKM069-F  | Blocking stock solution (10x)             | 1 vial (10 ml)               | 4°C           |
| CKM069-G  | Dilution buffer R (10x)                   | 1 vial (10 ml)               | 4°C           |
| CKM069-H  | Tween-20                                  | 1 vial (5 ml)                | RT            |
| CKM069-P  | 96-well ELISpot plate with lid            | 5 plates                     | RT            |
| CKM069-S  | Adhesive cover slip                       | 10 slips                     | RT            |

### Typical data for CKM069:



Total number of IgG<sub>1</sub> secreting cells  
1x10<sup>5</sup> cells/well (Assay I)



Ovalbumin specific IgG<sub>1</sub> secreting cells  
1x10<sup>5</sup> cell/well (Assay II)

Example of IgG<sub>1</sub> 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: 5x10<sup>6</sup> 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.**



**Cell Sciences, Inc.**  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Web Site: [www.cellsciences.com](http://www.cellsciences.com)

# cellsciences.com

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