

Certificate of Analysis

Product: Monkey IFN- γ T cell ELISPOT antibody pair
Catalog no.: CT605-10 **Lot no.:** 128-57 **Expiry date:** 11-2023

This certifies that this product, manufactured by U-CyTech biosciences, is subject to the highest standards of quality at every level of production. From the processing phase to the finished product, all components of each manufacturing lot are fully traceable and produced in a controlled environment. The product is stored in temperature controlled conditions, which assure that its quality is maintained.

List of Components

Component / pair	Lot no.	Quantity / pair	Appearance	Expiry date
Coating antibody*	mO-21-31-128	2 vials	Lyophilized (white powder)	11-2023
Detection antibody*	mB-22-34-57	2 vials	Lyophilized (white powder)	11-2023

* These reagents are filter-sterilized (0.2 μ m)

Appearance

The appearances of the reagents in this product have found to be satisfactory.

Assay performance

The reagents were tested in quality control tests using PBMC cultures at 4×10^6 cells/well during a preincubation of 2 days without stimulation and stimulated with PMA (50 ng/ml) & ionomycin (1 μ g/ml). Followed by an ELISPOT incubation without stimulation (2×10^5 cells/well) and at 2.5×10^3 cells/well stimulated with PMA (50 ng/ml) & ionomycin (1 μ g/ml) for 24 hours.

	Specifications	Result
Background staining	Low	Low
Mean number of spots (unstimulated wells)	< 20	8
Mean number of spots (polyclonal stimulated wells)	25-300	60
Appearance of spots	Sharp-edged	Sharp-edged
Range spot size (μ m ²)	500 - 5,000,000	500 - 5,000,000



By: S. Langenhuijzen

Q.A. approved

Date: November 11, 2018