



## CERTIFICATE OF ANALYSIS

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COA-03786

**Product Description:** Human IFN- $\gamma$  Kit V-PLEX™ and V-PLEX Plus

**Kit Catalog Numbers:** K151QOD-1, K151QOD-2, K151QOD-4, K151QOG-1, K151QOG-2, K151QOG-4

**Kit Lot Number:** K0080069

**Expiration Date:** 30Sep2015

### Acceptance Data:

Metric		Specifications	Assay hu IFN- $\gamma$
% Recovery Concentration	Calibrators	80% - 120%	Pass
	Controls	80% - 120%	Pass
	LLOQ	80% - 120%	Pass
	ULOQ	80% - 120%	Pass
% Recovery CV	Calibrators	<20%	Pass
	Controls	<20%	Pass
	LLOQ	<20%	Pass
	ULOQ	<20%	Pass

### Concentration of Materials Tested:

Units = pg/mL	Assay hu IFN- $\gamma$
Reconstituted Calibrator	1 430
Reconstituted Control 1 (A00C0187)	431
Reconstituted Control 2 (A00C0188)	109
Reconstituted Control 3 (A00C0189)	37.5
ULOQ	1 290
LLOQ	0.700

### Standard Curve Data from Kit QC:

hu IFN- $\gamma$		
Conc., (pg/ml)	Average Signal	%CV
1 430	123 949	2.7
358	32 033	2.0
89.4	8 143	1.2
22.3	1 996	1.6
5.59	559	2.1
1.40	204	3.8
0.349	115	5.6
0	90	8.2




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Human IFN- $\gamma$ Kit V-PLEX Components			
Description	Lot Number	Storage Temperature	Expiration Date
Human IFN- $\gamma$ Plate	Z0044793	2-8°C	30Nov2015
Anti-hu IFN- $\gamma$ Antibody	D0080129	2-8°C	31Dec2015
Proinflammatory Panel 1 (human) Calibrator Blend	A0080018	2-8°C	30Nov2015
Diluent 2	M0020078	$\leq -10^{\circ}\text{C}$	30Sep2015
Diluent 3	M0030056	$\leq -10^{\circ}\text{C}$	30Sep2015
Read Buffer T (4X)	Not Kit Specific	Room Temperature	N/A
Additional Components Included in V-PLEX Plus			
Wash Buffer (20X), 100mL	Not Kit Specific	Room Temperature	N/A
Plate Seals, pack of 3	Not Kit Specific	Room Temperature	N/A
Proinflammatory Panel 1 (human) Control 1	Not Kit Specific; See Separate Control Pack CoA		
Proinflammatory Panel 1 (human) Control 2			
Proinflammatory Panel 1 (human) Control 3			

**Statement:** The above kit lot was tested using MSD procedures and it conforms to MSD's specifications. The above product is intended for Research Use Only. Not for use in Diagnostic Procedures.

	Name	Function	Signature	Date
Review/Approval	Paula Eason	Quality Control		29Jul2013