

## ARG83523 arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1)

Package: 96 wells  
Store at: 4°C, -20°C

### Component

Cat. No.	Component Name	Package	Temp
ARG83523-01	Antibody Coated Microplate	8 X 12 strips	4°C
ARG83523-02	Standards Mixture	3 vials	4°C
ARG83523-03	10X Antibody Conjugate Mixture	1.2 ml	≤ -20°C
ARG83523-04	40X HRP-Streptavidin solution	300 µl	4°C
ARG83523-05	Standard/Sample Diluent Buffer	30 ml	4°C
ARG83523-06	Antibody Diluent Buffer	35 ml	4°C
ARG83523-07	20X Wash Buffer	45 ml	4°C
ARG83523-08	TMB substrate	12 ml	4°C (protect from light)
ARG83523-09	STOP solution	12 ml	4°C
ARG83523-10	Plate sealer	3 strips	Room temperature

### Summary

**Product Description** ARG83523 arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) is an Enzyme Immunoassay kit for the quantification of IFN gamma, IL4, IL6, IL10, IL12(p70), GM-CSF, TNF alpha, MCP1 in Mouse serum, plasma and cell culture supernatants.

[See all Multiplex ELISA kits](#)

**Tested Reactivity** Ms

**Tested Application** ELISA

**Target Name** M1/M2/MDSC Cytokine

**Conjugation** HRP

**Conjugation Note** Substrate: TMB and read at 450 nm.

**Sensitivity**  
 IFN gamma: 15.6 pg/ml  
 IL4: 15.6 pg/ml  
 IL6: 31.25 pg/ml  
 IL10: 7.8 pg/ml  
 IL12: 31.25 pg/ml  
 GM-CSF: 7.8 pg/ml  
 TNF alpha: 15.6 pg/ml  
 MCP1: 3.9 pg/ml

Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	IFN gamma: 31.25 - 1000 pg/ml IL4: 31.25 - 1000 pg/ml IL6: 62.5 - 2000 pg/ml IL10: 15.6 - 500 pg/ml IL12: 62.5 - 2000 pg/ml GM - CSF: 15.6 - 500 pg/ml TNF alpha: 31.25 - 1000 pg/ml MCP1: 7.8 - 250 pg/ml
Sample Volume	50 µl

## Application Instructions

Assay Time	4.5 hours
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## Properties

Form	96 well
Storage instruction	Store components at 4°C or -20°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

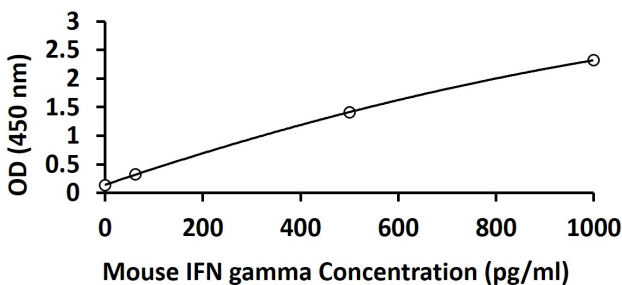
## Bioinformation

Gene Symbol	IFN gamma; IL4; IL6; IL10; IL12; GM-CSF; TNF alpha; MCP1
Highlight	Related news: <a href="#">M1/M2 Cytokine Multiplex ELISA Kit is launched.</a>

## Images

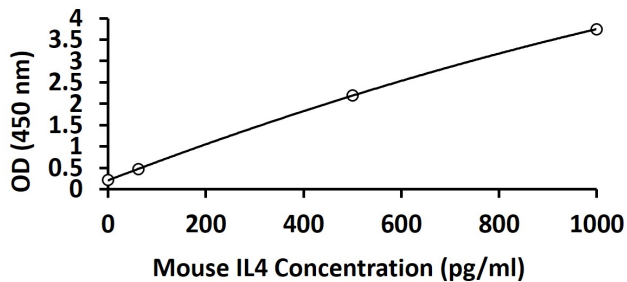
	1	2	3	4	5	6	7	8	9	10	11	12
A	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ
B	IL-4	IL-4	IL-4	IL-4	IL-4	IL-4	IL-4	IL-4	IL-4	IL-4	IL-4	IL-4
C	IL-6	IL-6	IL-6	IL-6	IL-6	IL-6	IL-6	IL-6	IL-6	IL-6	IL-6	IL-6
D	IL-10	IL-10	IL-10	IL-10	IL-10	IL-10	IL-10	IL-10	IL-10	IL-10	IL-10	IL-10
E	IL-12	IL-12	IL-12	IL-12	IL-12	IL-12	IL-12	IL-12	IL-12	IL-12	IL-12	IL-12
F	GM-CSF	GM-CSF	GM-CSF	GM-CSF	GM-CSF	GM-CSF	GM-CSF	GM-CSF	GM-CSF	GM-CSF	GM-CSF	GM-CSF
G	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α
H	MCP-1	MCP-1	MCP-1	MCP-1	MCP-1	MCP-1	MCP-1	MCP-1	MCP-1	MCP-1	MCP-1	MCP-1

Antibodies Coating Pattern In Microtiter Plate of arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IGM-CSF, IFN gamma, IL4, IL6, IL10, IL12, MCP1)



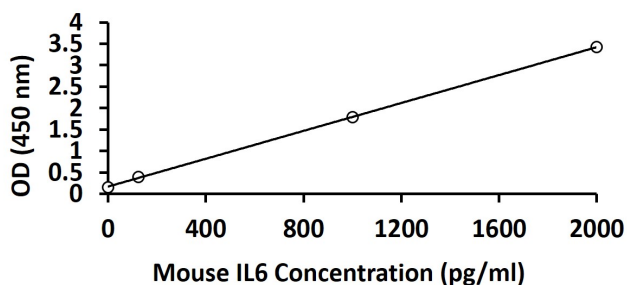
arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) standard curve image

arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) results of a typical standard for Mouse IFN gamma run with optical density reading at 450 nm.



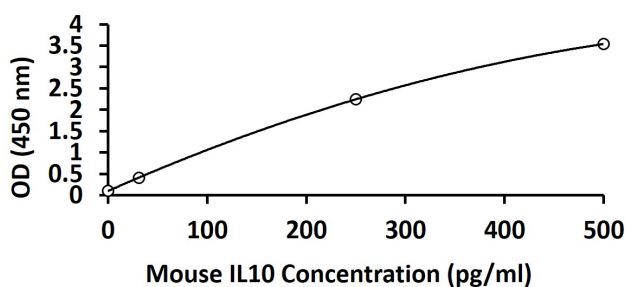
arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) standard curve image

arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) results of a typical standard for Mouse IL4 run with optical density reading at 450 nm.



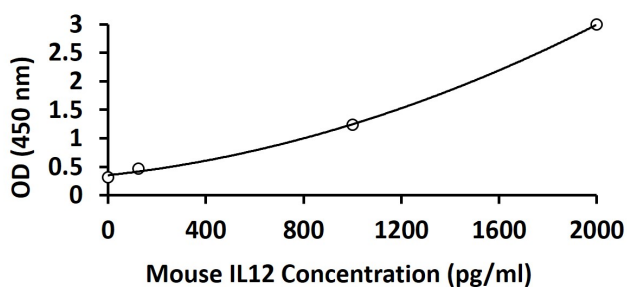
arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) standard curve image

arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) results of a typical standard for Mouse IL6 run with optical density reading at 450 nm.



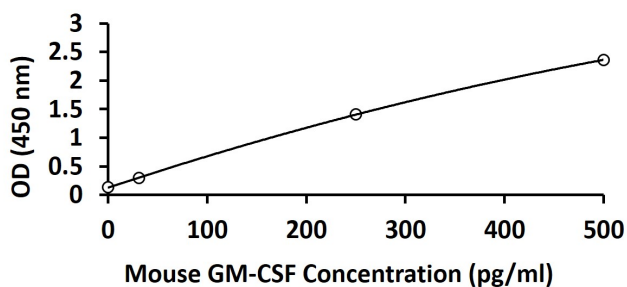
arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) standard curve image

arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) results of a typical standard for Mouse IL10 run with optical density reading at 450 nm.



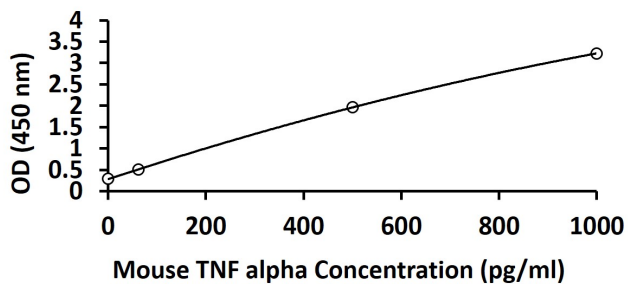
arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) standard curve image

arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) results of a typical standard for Mouse IL12 run with optical density reading at 450 nm.



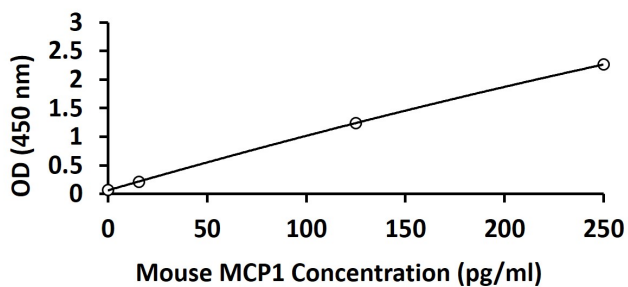
arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) standard curve image

arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) results of a typical standard for Mouse GM-CSF run with optical density reading at 450 nm.



arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) standard curve image

arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) results of a typical standard for Mouse TNF alpha run with optical density reading at 450 nm.



arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) results of a typical standard for Mouse MCP1 run with optical density reading at 450 nm.

arigoPLEX® Mouse M1/M2/MDSC Cytokine Multiplex ELISA Kit (IFN gamma, IL4, IL6, IL10, IL12, GM-CSF, TNF alpha, MCP1) results of a typical standard for Mouse MCP1 run with optical density reading at 450 nm.