ARG83005
arigoPLEX® Human CTL/NK activation Multiplex ELISA Kit (IFN gamma, TNF alpha, Perforin, Granzyme B)

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

Component

Cat. No.	Component Name	Package	Temp
ARG83005-01	Antibody Coated Microplate	8x12 strips	4°C
ARG83005-02	Standards Mixture	2 vials	4°C
ARG83005-03	100X Antibody Conjugate Mixture	120 µl	≤ -20°C
ARG83005-04	100X HRP-Streptavidin Solution	120 µl	4°C
ARG83005-05	Standard / Sample Diluent Buffer	30 ml	4°C
ARG83005-06	Antibody Diluent Buffer	35 ml	4°C
ARG83005-07	20X Wash Buffer	45 ml	4°C
ARG83005-08	TMB Substrate	12 ml	4°C (protect from light)
ARG83005-09	STOP solution	12 ml	4°C
ARG83005-10	Plate sealer	3 adhesive strips	

Summary

Product Description	ARG83005 arigoPLEX® Human CTL/NK activation Multiplex ELISA Kit (IFN gamma, TNF alpha, Perforin, Granzyme B) is an Enzyme Immunoassay kit for the quantification of Human Cytotoxic T cell Cytokine (IFN gamma, TNF alpha, Perforin, Granzyme B) in serum, plasma and cell culture supernatants. See all Multiplex ELISA kits
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CTL/NK activation
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	IFN gamma: 15.625 pg/ml TNF alpha: 23.44 pg/ml Perforin: 93.75 pg/ml Granzyme B: 15.625 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	IFN gamma: 31.25 - 1000 pg/ml TNF alpha: 46.875 - 1500 pg/ml

	Perforin: 187.5 - 6000 pg/ml Granzyme B: 31.25 - 1000 pg/ml
Sample Volume	50 µl

Application Instructions

Assay Time	5 hours

Properties

Form	96 well
Storage instruction	Store components at 4°C or -20°C. 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.

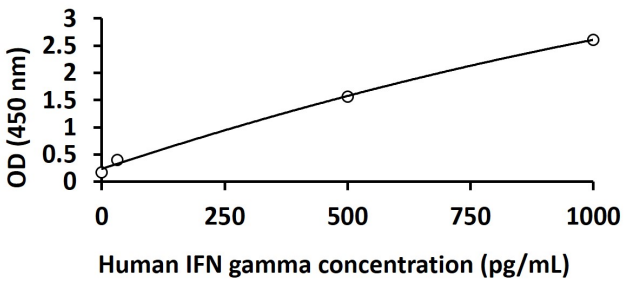
Bioinformation

Gene Symbol	IFNG; TNF; PRF1; GZMB
Highlight	Related Product: IFN-gamma antibodies; TNF-alpha antibodies; Perforin antibodies; Granzyme B antibodies; Related news: CTL/NK Activation Multiplex ELISA Kit is launched; Perforin and Granzyme B; Validating cytotoxicity of γδT cells in NSCLC; Quality control for engineered T cell therapy

Images

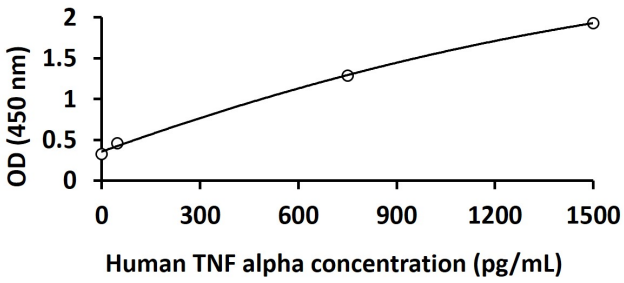
	1	2	3	4	5	6	7	8	9	10	11	12
A	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ	IFN-γ
B	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α
C	Perforin	Perforin	Perforin	Perforin	Perforin	Perforin	Perforin	Perforin	Perforin	Perforin	Perforin	Perforin
D	Granzyme B	Granzyme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

Antibodies Coating Pattern In Microtiter Plate of ARG83005 arigoPLEX® Human CTL/NK Activation Multiplex ELISA Kit (IFN gamma, TNF alpha, Perforin, Granzyme B)



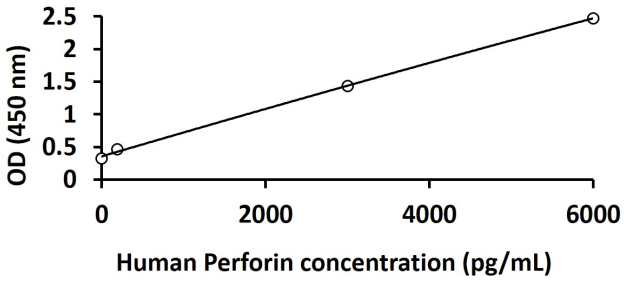
ARG83005 arigoPLEX® Human CTL/NK Activation Multiplex ELISA Kit (IFN gamma, TNF alpha, Perforin, Granzyme B) standard curve image

ARG83005 arigoPLEX® Human CTL/NK Activation Multiplex ELISA Kit (IFN gamma, TNF alpha, Perforin, Granzyme B) results of a typical standard for Human IFN gamma run with optical density reading at 450 nm.



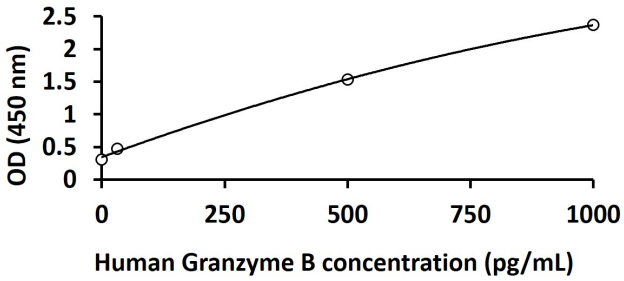
ARG83005 arigoPLEX® Human CTL/NK Activation Multiplex ELISA Kit (IFN gamma, TNF alpha, Perforin, Granzyme B) standard curve image

ARG83005 arigoPLEX® Human CTL/NK Activation Multiplex ELISA Kit (IFN gamma, TNF alpha, Perforin, Granzyme B) results of a typical standard for Human TNF alpha run with optical density reading at 450 nm.



ARG83005 arigoPLEX® Human CTL/NK activation Multiplex ELISA Kit (IFN gamma, TNF alpha, Perforin, Granzyme B) standard curve imageA

ARG83005 arigoPLEX® Human CTL/NK Activation Multiplex ELISA Kit (IFN gamma, TNF alpha, Perforin, Granzyme B) results of a typical standard for Human Perforin run with optical density reading at 450 nm.



ARG83005 arigoPLEX® Human CTL/NK Activation Multiplex ELISA Kit (IFN gamma, TNF alpha, Perforin, Granzyme B) standard curve image

ARG83005 arigoPLEX® Human CTL/NK Activation Multiplex ELISA Kit (IFN gamma, TNF alpha, Perforin, Granzyme B) results of a typical standard for Human Granzyme B run with optical density reading at 450 nm.