

## ARG83516 arigoPLEX<sup>®</sup> Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha)

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

### Summary

|                     |  |
|---------------------|--|
| Product Description | ARG83516 arigoPLEX <sup>®</sup> Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) is an Enzyme Immunoassay kit for the semi-quantification of IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22 and TNF alpha in Human serum, plasma and cell culture supernatants.<br><br><a href="#">See all Multiplex ELISA kits</a> |
| Tested Reactivity   | Hu   |
| Tested Application  | ELISA  |
| Target Name         | Th1/Th2/Th17/Treg  |
| Conjugation         | HRP  |
| Conjugation Note    | Substrate: TMB and read at 450 nm.   |
| Sensitivity         | IFN gamma: 7.8 pg/ml<br>IL2: 15.625 pg/ml<br>IL4: 7.8 pg/ml<br>IL10: 7.8 pg/ml<br>IL13: 7.8 pg/ml<br>IL17: 15.6 pg/ml<br>IL22: 7.8 pg/ml<br>TNF alpha: 15.6 pg/ml  |
| Sample Type         | Serum, plasma and cell culture supernatants.   |
| Standard Range      | IFN gamma: 15.625 - 500 pg/ml<br>IL2: 31.25 - 1000 pg/ml<br>IL4: 15.625 - 500 pg/ml<br>IL10: 15.625 - 500 pg/ml<br>IL13: 15.625 - 500 pg/ml<br>IL17: 31.25 - 1000 pg/ml<br>IL22: 15.625 - 500 pg/ml<br>TNF alpha: 31.25 - 1000 pg/ml   |
| Sample Volume       | 50 µl  |

### Application Instructions

Assay Time 4.5 hours

### 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.   |

## Bioinformatics

Gene Symbol IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha

Highlight

Related Product:

[IFN gamma antibodies;](#)

[IL2 antibodies;](#)

[IL4 antibodies;](#)

[IL10 antibodies;](#)

[IL13 antibodies;](#)

[IL17 antibodies;](#)

[IL22 antibodies;](#)

[TNF alpha antibodies;](#)

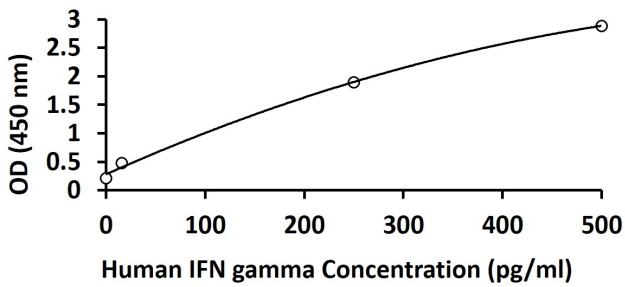
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

## Images

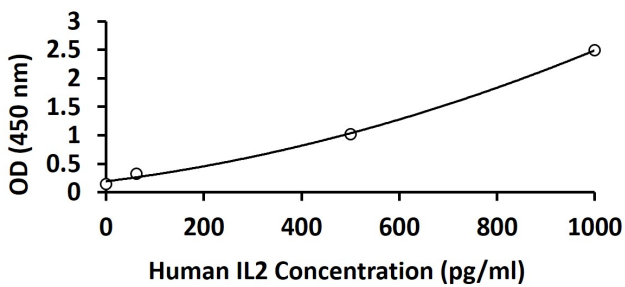
|   | 1            | 2            | 3            | 4            | 5            | 6            | 7            | 8            | 9            | 10           | 11           | 12           |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A | IFN $\gamma$ | IFN $\gamma$ | IFN $\gamma$ | IFN $\gamma$ | IFN $\gamma$ | IFN $\gamma$ | IFN $\gamma$ | IFN $\gamma$ | IFN $\gamma$ | IFN $\gamma$ | IFN $\gamma$ | IFN $\gamma$ |
| B | IL-2         | IL-2         | IL-2         | IL-2         | IL-2         | IL-2         | IL-2         | IL-2         | IL-2         | IL-2         | IL-2         | IL-2         |
| C | IL-4         | IL-4         | IL-4         | IL-4         | IL-4         | IL-4         | IL-4         | IL-4         | IL-4         | IL-4         | IL-4         | IL-4         |
| 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-13        | IL-13        | IL-13        | IL-13        | IL-13        | IL-13        | IL-13        | IL-13        | IL-13        | IL-13        | IL-13        | IL-13        |
| F | IL-17        | IL-17        | IL-17        | IL-17        | IL-17        | IL-17        | IL-17        | IL-17        | IL-17        | IL-17        | IL-17        | IL-17        |
| G | IL-22        | IL-22        | IL-22        | IL-22        | IL-22        | IL-22        | IL-22        | IL-22        | IL-22        | IL-22        | IL-22        | IL-22        |
| H | TNF $\alpha$ | TNF $\alpha$ | TNF $\alpha$ | TNF $\alpha$ | TNF $\alpha$ | TNF $\alpha$ | TNF $\alpha$ | TNF $\alpha$ | TNF $\alpha$ | TNF $\alpha$ | TNF $\alpha$ | TNF $\alpha$ |

Antibodies Coating Pattern In Microtiter Plate of ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha)



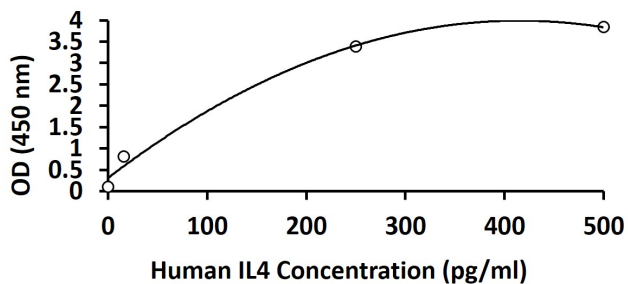
ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) standard curve image

ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) results of a typical standard for Human IFN gamma run with optical density reading at 450 nm.



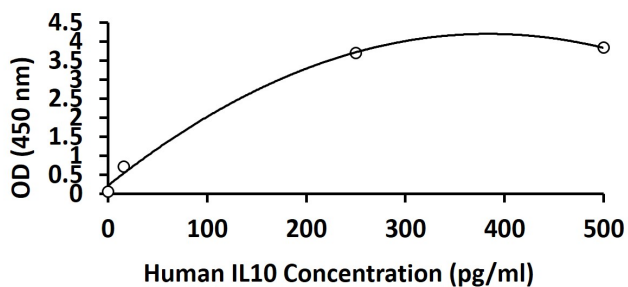
ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) standard curve image

ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) results of a typical standard for Human IL2 run with optical density reading at 450 nm.



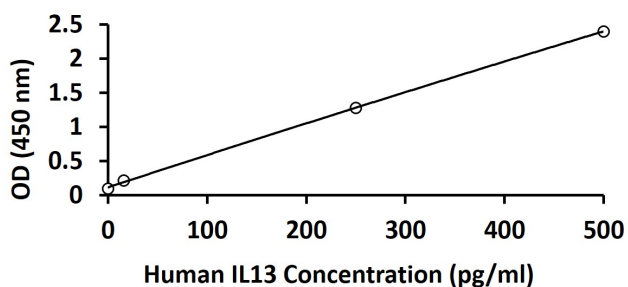
ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) standard curve image

ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) results of a typical standard for Human IL4 run with optical density reading at 450 nm.



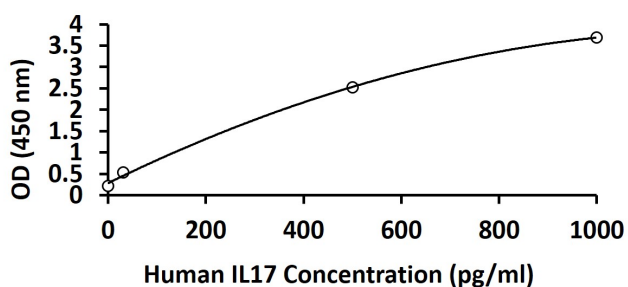
ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) standard curve image

ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) results of a typical standard for Human IL10 run with optical density reading at 450 nm.



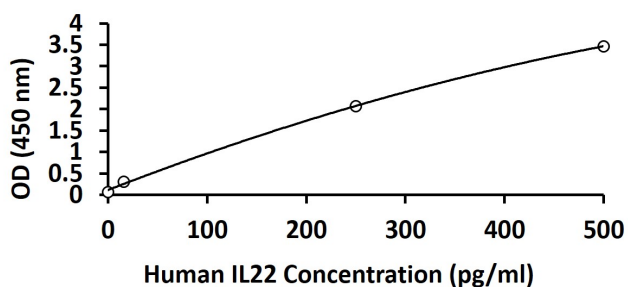
ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) standard curve image

ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) results of a typical standard for Human IL13 run with optical density reading at 450 nm.



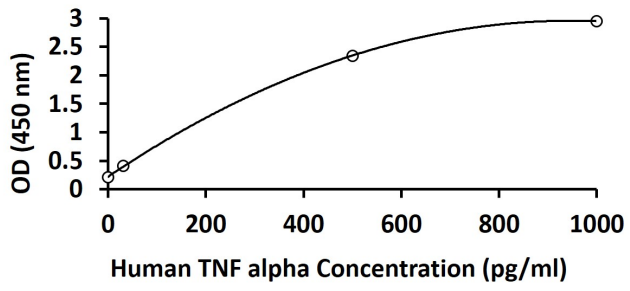
ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) standard curve image

ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) results of a typical standard for Human IL17 run with optical density reading at 450 nm.



ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) standard curve image

ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) results of a typical standard for Human IL22 run with optical density reading at 450 nm.



ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) standard curve image

ARG83516 Human Th1/Th2/Th17/Treg Multiplex ELISA Kit (IFN gamma, IL2, IL4, IL10, IL13, IL17, IL22, TNF alpha) results of a typical standard for Human TNF alpha run with optical density reading at 450 nm.