

Product datasheet

FirePlex Human Th1/Th2 - Immunoassay Panel ab229792

FirePlex[®]

[2 Images](#)

Overview

Product name	FirePlex Human Th1/Th2 - Immunoassay Panel
Detection method	Flow cytometry-fluorescent
Sample type	Cell culture supernatant, Saliva, Milk, Urine, Serum, Plasma, Other biological fluids, Hep Plasma, EDTA Plasma, Cit plasma, Cerebral Spinal Fluid
Species reactivity	Reacts with: Human
Product overview	FirePlex Human Th1/Th2 - Immunoassay Panel (ab229792) contains all the reagents you need to run a 7-plex assay: antibody conjugated particles, Human Core Reagents and Protein Standard Mix.

NOTE: FirePlex Immunoassay panels require the purchase of a Run Buffer. Use our [FirePlex Cytometer Setup Kit V2 \(ab245835\)](#) to select the most appropriate Run Buffer for your flow cytometer.

Assay run-time is 3.5 hours, followed by particle analysis using a validated flow cytometer model and data analysis using our integrated, free-of-charge [FirePlex Analysis Workbench software](#).

FirePlex[®] is a registered trade mark in the United States and is registered as a European Union Trade Mark.

Notes This panel was previously available under the product code [ab231390](#), which is discontinued. We have redeveloped this panel using new, recombinant monoclonal antibodies that provide higher sensitivity and better reproducibility when quantifying the analytes with biofluid samples, improving consistency in kit performance.

The following information provides the sensitivity, range, CVs, and required Protein Standard Mix.

Target	Sensitivity (pg/mL)	Dynamic Range (pg/mL)	Protein Standard
TNF alpha	6.64	4.57 - 10,000	Mix A
IFN gamma	3.49	4.57 - 10,000	Mix A

IL-2	0.79	4.57 - 10,000	Mix A
IL-4	0.54	1.52 - 3,333	Mix A
IL-5	0.11	0.51 - 1,111	Mix A
IL-6	0.12	0.51 - 1,111	Mix A
IL-10	0.96	4.57 - 10,000	Mix A
Negative Control Particles	N/A	N/A	N/A

Properties

Storage instructions

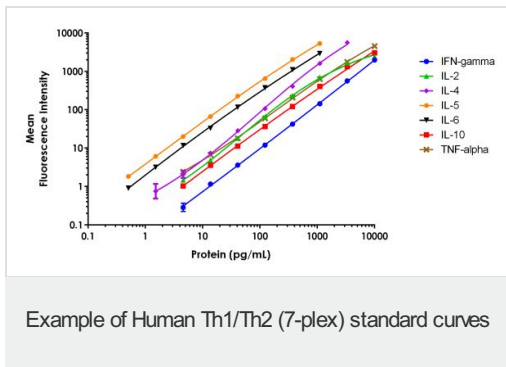
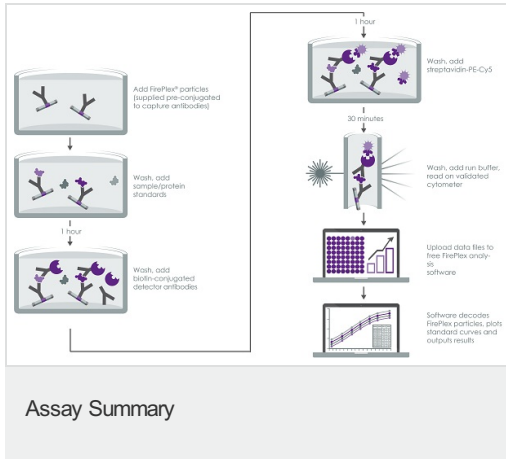
Please refer to protocols.

Components	1 x 96 tests
10X Human Th1/Th2 Capture Particles (ab229792)	1 unit
10X Wash Buffer	1 x 25ml
15X Human Th1/Th2 Biotin Detectors (ab229792)	1 unit
2X Human & NHP Assay Diluent	1 x 15ml
5X Reporter Solution	1 x 4ml
96-well microplate with a filter	1 unit
Filter Plate Seal	1 x 3 units
Human Multiplex Immunoassay Protein Standard Mix A	1 unit
Tungsten cleaning wire	1 unit

Cellular localization

TNF alpha: Secreted and Cell membrane. IL6: Secreted. IL10: Secreted. Interferon gamma: Secreted. IL5: Secreted. IL2: Secreted. IL4: Secreted.

Images



Mean background-subtracted data values are graphed (+/- SD).

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