

FirePlex[®]-HT Immunoassays for drug discovery and screening studies

New higher-throughput features, without compromising on high-performance multiplex analysis

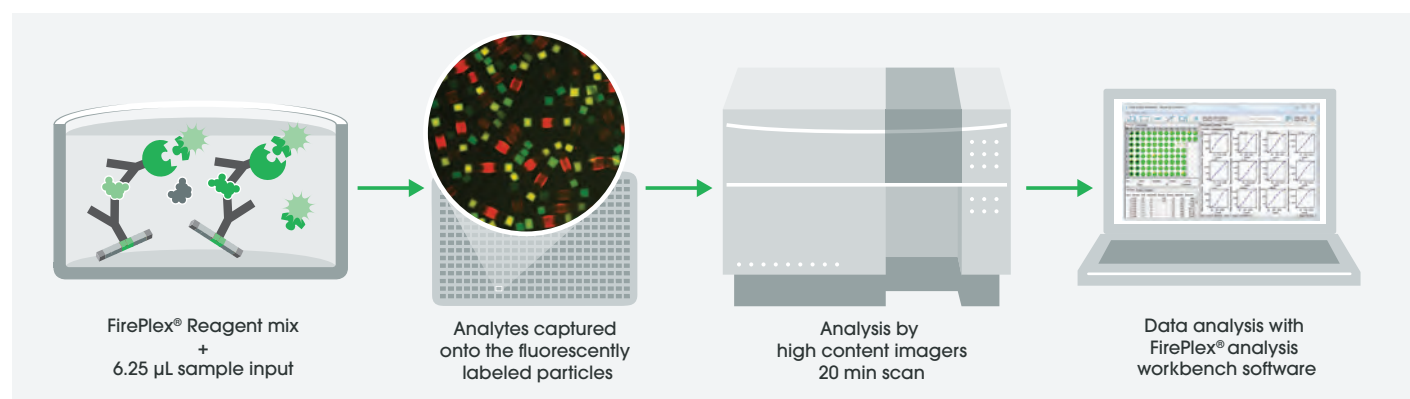
FirePlex-HT immunoassays offer the high-standards of performance and multiplexing you expect from our original FirePlex immunoassays, now in a high-throughput, automation friendly format.

Ideal for discovery, screening and profiling projects, FirePlex-HT offers you a fast, easy and cost-effective tool to analyze thousands of samples rapidly. Reach your R&D goals faster, and accelerate your path to success with FirePlex-HT immunoassays.

Features

- 384-well plate assay format
- No wash, two-step workflow
- Read out on high-content imagers (< 20 min scan/plate)
- Analyze up to 10 analytes per sample, direct from plasma, serum or cell culture supernatant (no pre-processing required)
- Design your own panel with our FirePlex-HT assay builder

Assay Workflow: a no-wash protocol



Human cytokines panels

The human cytokine FirePlex-HT panels contain the FirePlex particle mix and all necessary reagents to quantify the indicated human cytokines. Each plex are supplied with the required volume of reagents to assay 1 x 384-well plate.

Panels	Analytes	Product code
6-plex	IFN γ , TNF α , IL-2, IL-6, IL-8, IL-10	ab234898
10-plex	IFN γ , IL-1 β , IL-2, IL-4, IL-6, IL-8, IL-10, IL-17A, MCP1, TNF α	ab234897

Compatible high content imagers

Readout of FirePlex-HT Immunoassays is compatible with various instrumentation platforms, including those manufactured by Molecular Devices, TTP Labtech, Perkin Elmer, GE, and Yokagawa.

We offer a FirePlex-HT Imager Setup Kit (ab229130) designed to identify properly resolving high-content imaging instruments, which can be validated for use with FirePlex-HT immunoassays. A list of our currently validated imagers can be found at www.abcam.com/FirePlexHT

Custom panels

Customize your own panels to fit your specific research needs. Flexible analyte selection allows you to choose from:

- **Pick and Mix custom panels**
 - Select from pools of ~50 human and ~50 mouse analytes
 - Analytes selected from top 40 cytokines and subsets of critical organ injury and toxicity markers
 - No custom panel development fees and short lead times
- **Full custom panel development**
 - Select from over 800 antibody pairs available in the Abcam portfolio
 - Fully customized panel development to meet your specific project needs
 - Available for human, rodent, and non-human primate species

For more information contact:

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