

Hands-free,
high-performance ELISAs.
Simple Plex.



Meet Ella.

Ella runs hands-free, high-performance Simple Plex assays. She'll give you even more sensitive results for multiple samples than manual ELISAs. And she's done in 60 minutes flat. How's that for efficient? That's with no cross-reactivity, no pipetting variability, and only 25 μ L of sample!



**So long,
manual
ELISAs!**

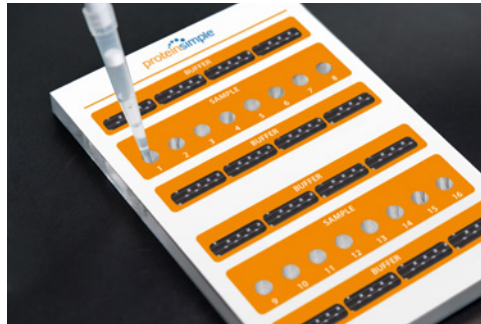


She makes it easy.

Ella does everything in a ready to go cartridge. Setup only takes 5 minutes — just pick your assays, scan the barcode, add your samples and buffer, load the cartridge and go! Ella handles every last step of the assay for you, even wash and incubation.



1



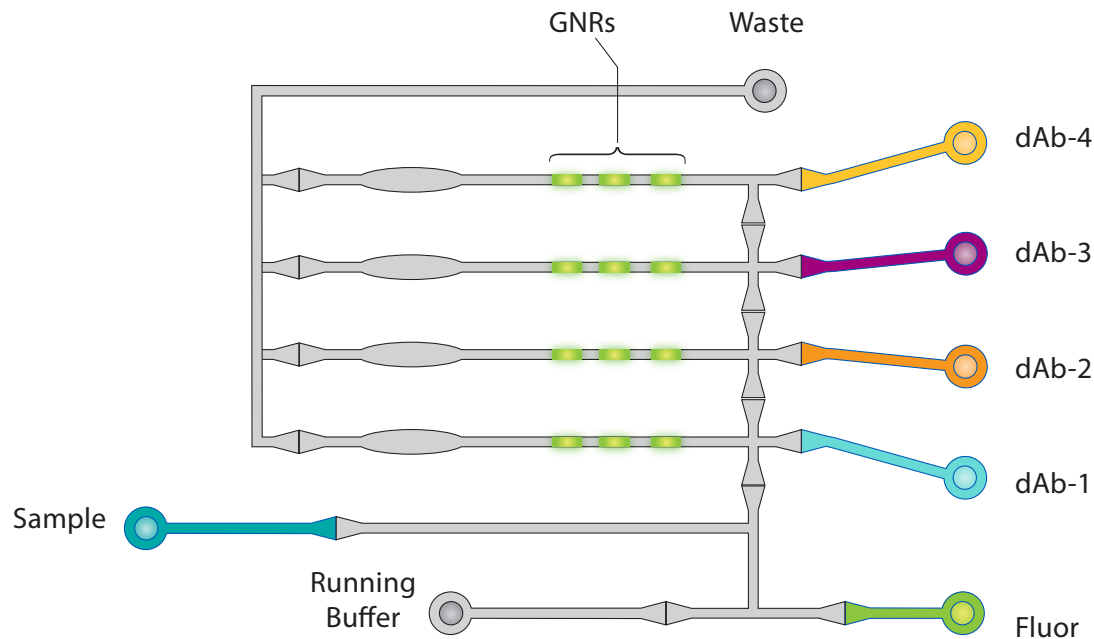
2



3

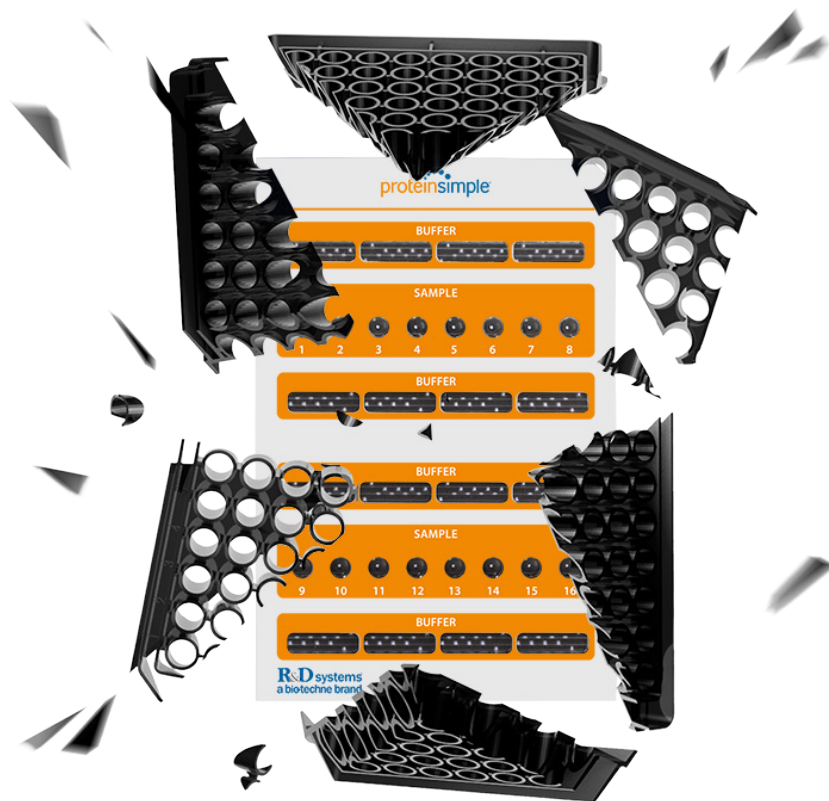
She works differently.

Ella runs multiple immunoassays on the same sample at the same time without traditional multiplexing. Think mini, automated ELISAs. And because she splits your sample across isolated microfluidic channels, there's zero cross-reactivity! Testing a single analyte on a lot of samples? No problem. Ella can run up to 72 at one time.



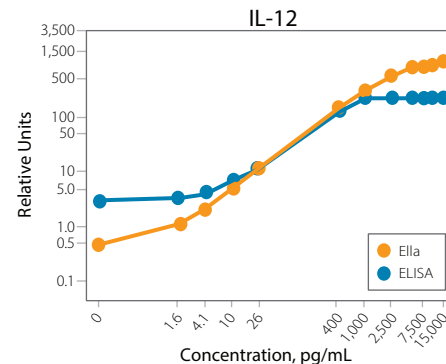
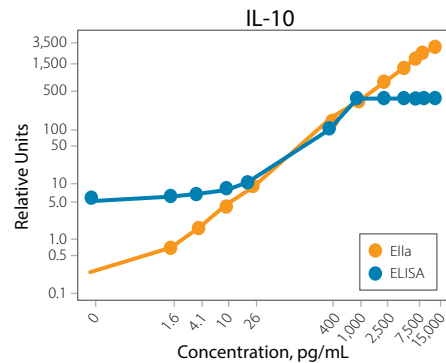
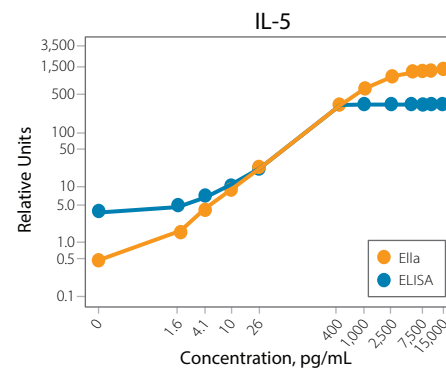
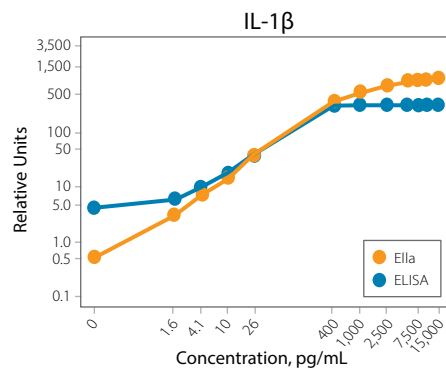
She's really fast.

Ella's done in 60 minutes. That includes fully analyzed results for all the analytes in each of your samples. Can't beat that! Plus, assay validation is just like single antibody pair ELISA, so transferring assays is a breeze.



She gets data.

So long, manual ELISAs! Ella's Simple Plex assays give you the same specificity with way better sensitivity and a broader dynamic range. And because there's no repeat pipetting with Ella, your CVs will take a nosedive too.



Comparison of the dynamic range and sensitivity of a Simple Plex multi-analyte assay (IL-1 β , IL-5, IL-10 and IL-12 in a single panel) run on Ella with those from commercial single-plex ELISAs for the same analytes. Plus you get the same high performance with the single analyte assay as you would with the multi-analyte.

Specifications

For the latest list of Simple Plex assays you can run on Ella, visit proteinsimple.com.



Powered by

R&D systems
a biotechne brand

DESCRIPTION	SPECIFICATION
Sample volume required	25 μ L
Analytes per sample	Up to 4 independent Simple Plex assays per sample
Throughput	72 samples with 1 analyte, or 16 samples with up to 4 analytes
Hands-on time	5 minutes
Time to result	60 minutes
Sensitivity	Sub-picogram/mL
Reproducibility	Single-digit CVs, results in triplicate
Dynamic range	4–5 logs
Cross-reactivity	N/A, Simple Plex assays are run in parallel in individual channels



Toll-free: (888) 607-9692
Tel: (408) 510-5500
Fax: (408) 510-5599
info@proteinsimple.com
proteinsimple.com

© 2016 ProteinSimple, the ProteinSimple logo, Simple Plex and Ella are trademarks and/or registered trademarks of ProteinSimple.

94-1000-00 RevC