

Abnova Newsletter

In this issue: Quantification Antibody Array



Product Theme Park

Mitochondria

Resources for mitochondria to investigate the mechanisms and disorders.



HSP Collection

Antibodies, antibody pairs, proteins and siRNA for heat shock protein.



RNA Polymerase

60+ antibodies targeting several types of RNA polymerases.



RNA Extraction Kits

5 kits for purifying miRNAs and total RNA from a wide range of sources.



F7 ELISA Kit

3 ELISA and assay kits for human coagulation factor VII.



Mast Cell Markers

100+ antibodies for mast cell identification.



Product in Focus

Quantification Antibody Arrays:

High-throughput Multiplex Quantification of Protein Expression

Using the methodology from sandwich ELISA, quantification antibody arrays maintain all the benefits of the classic sandwich ELISA technique, but uses less sample (50 µl) and can be processed with much higher throughput. Antigen-specific antibodies are bound on the glass slide and incubated with sample for one hour. After washing, a second biotin-labeled detection antibody is then added. By adding a streptavidin-labeled fluorescence dye, results can be visualized with laser scanners in approximately four hours. Hundreds of samples can thus be processed in a single day!



16 Identical arrays are spotted onto a glass slide. Removable gaskets enable you to assay 16 samples simultaneously. Each antibody on the array comes in four replicates and includes positive and negative controls. The reagent kit includes protein standards for protein quantification.



Available Arrays

- Angiogenesis
- Cytokines / Chemokines / Receptors
- Growth factors
- Interleukins
- Ig isotypes
- Inflammation
- MMP
- Obesity
- [View All >>](#)

Advantages

- Sensitivity comparable to ELISA
- Requires less sample than ELISA (as little as 50 μ l)
- Much less expensive than ELISA
- Suitable for many sample types: serum, plasma, cell lysate, etc.
- Tested for cross-reactivity
- High reproducibility
- High throughput
- Compatible with automation

Sign up to win iPhone 4



Congratulations to Dr. Patty Alvarado, the winner of July's Member Drawing for iPhone 4. Now it's your turn. No requirement to buy! Just sign up to win!

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