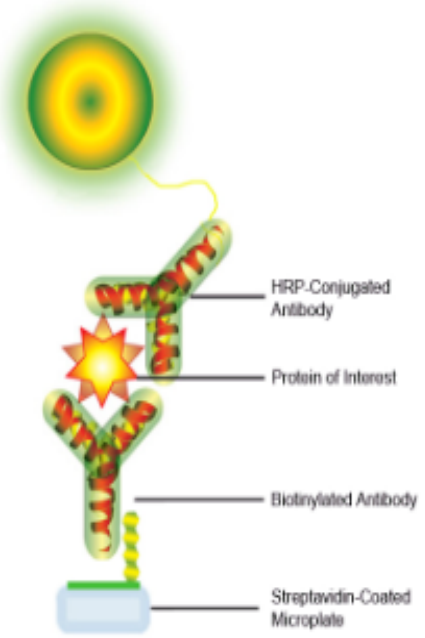
Sellex,Inc.
www.sellex.com

# *SpeedE*LISA Raybiotech
## Leve 3h para obter seu resultado

RayBiotech
The protein array pioneer
ISO Certified

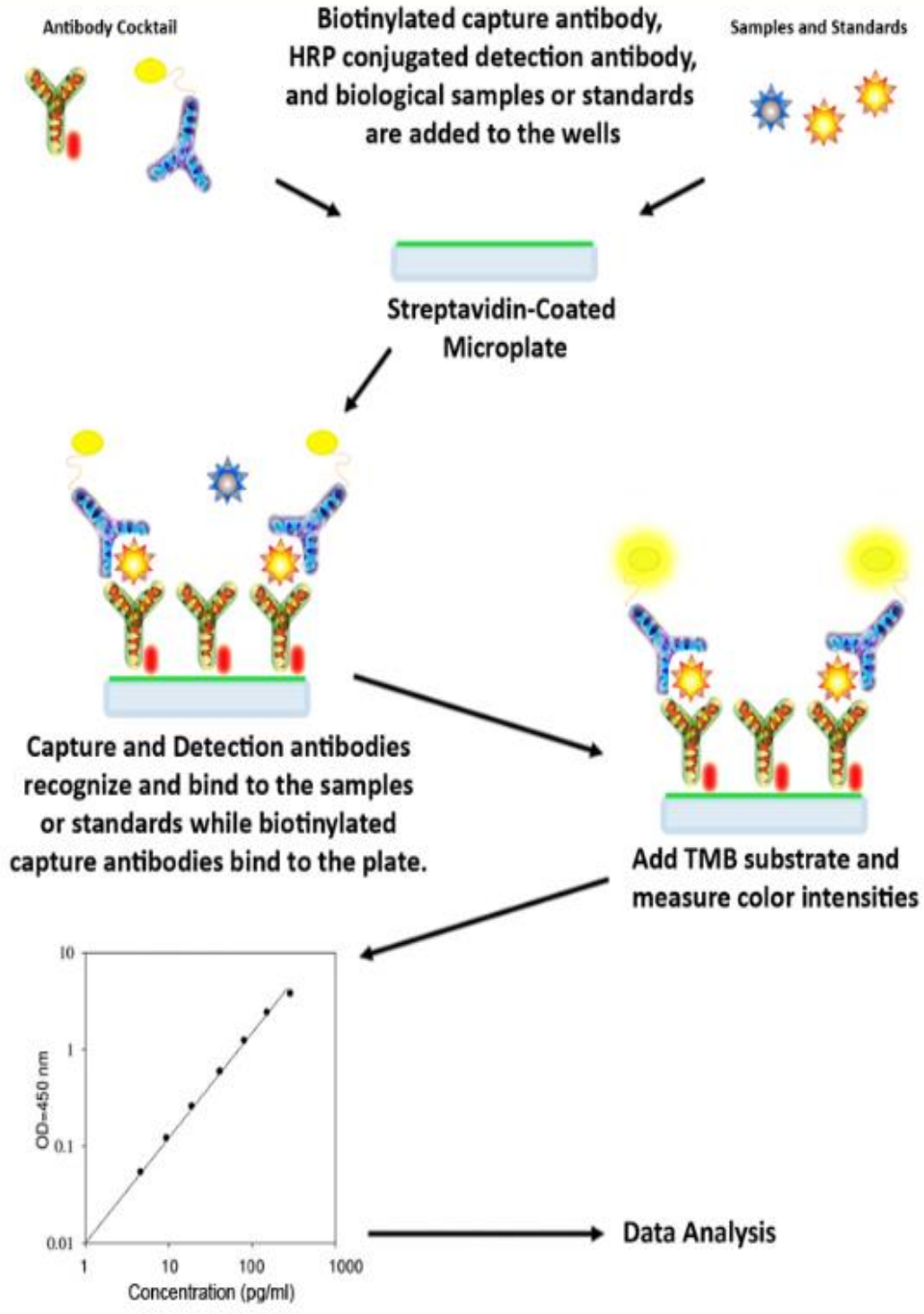
## *SpeedE*LISA

| | |
|---|---|
| **Assay Principle** | Compressed work flow, Sandwich-based (matched antibody pairs) |
| **Sample Types** | Plasma, serum, cell culture media* |
| **Targets Detected** | Cytokines, growth factors, soluble receptors, etc. |
| | View All ***SpeedE***LISA Target Protein Names |
| **Application** | Three hour total processing time; Cytokine quantification; Validation of array results; Single target ELISA |
| **Species** | Human \| Mouse \| Rat |




*Biotin interferes with this assay. If your samples contain biotin (commonly found in certain cell culture media such as RPMI, 1640, or F-12K), we recommend using the standard RayBio Sandwich ELISA kit.

## How It Works




RayBio ***SpeedE***LISAs employ a biotinylated capture and a HRP-conjugated detection antibody which immunocaptures the sample analyte in solution. The microplate in the kit is precoated with streptavidin.

The biotinylated capture antibody/protein/HRP-conjugated detection antibody mixture is pipetted into the wells and the biotinylated target protein present in a sample is bound to the wells by the immobilized streptavidin.

After incubation, the wells are washed to remove unbound material.

A TMB substrate solution is added to the wells and color develops in proportion to the amount of target protein bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.