

Simplifying Biochemical Analysis



Key Features

- RSI LABEL-FREE TECHNOLOGY
- STANDARD SBS FORMATS
- 96- & 384- WELL PLATES
- CUSTOMIZED SENSOR PLATES AVAILABLE
- RAPID RESULTS

For research use only. For details on approvals and standards compliance, please contact Resonant Sensors Incorporated.

Vides Bioassay Sensor Plate Specifications

Detection method	RSI guided-mode resonance optical biosensor.
Formats	96-well, 384-well or custom arrays.
Material	Biocompatible polymer based bottom, black polystyrene upper-structure.
External dimensions	Length 5.030" \pm 0.020 x Width 3.365" \pm 0.020.
Well arrangement	96-well: 8 x 12, 384- well: 16 x 24.
Well diameter	96-well: 0.276", 384- well: 0.138".
Absolute well volume	96-well: 400 μ l, 384- well: 120 μ l.
Sample volume (typical)	96-well: 50-150 μ l, 384-well: 10-30 μ l.
Surface	Bare, or silane activation chemistries standard. Customized surface chemistries available.
Chemical compatibility	Most buffers 4-10 pH range, dilute solvents: <5% DMSO or ethanol.
Storage conditions	Room temperature (bare plates). Once exposed to solution, use within 24 hrs.