

800™ TS Absorbance Reader

The 800 TS Absorbance Reader is an affordable, high quality microplate reader for assays in 6- to 384-well formats. The color touchscreen provides a visual user interface, making programming simple. The onboard software includes "quick read" and custom protocols, with data viewed immediately after measure, followed by export to USB or to the compact printer. The software stores a history of programmed assays and recent plate readings for instant recall. The 800 TS can be configured to include temperature control and shaking, ideal for assays like short- or long-term kinetics, enabled under computer control via Gen5 Software. The 800 TS, used alongside the 50 TS Washer, makes an affordable system to automate many application workflows, including immunoassays, cytotoxicity assays, enzyme assays, cell-based assays and more.

- Versatile for many applications, including ELISA, protein and other end point assays, plus kinetics and cell-based assays
- Color touchscreen for quick programming and simple operation
- USB flash drive for convenient data export, Gen5 import for analysis
- High precision and accuracy for reliable results
- Durable and high quality design from BioTek, the #1 microplate reader brand



Applications:

- ELISA
- Protein Assays
- Cytotoxicity
- Kinetic ELISA

Configurations:

- 800TS: 6- to 96-well plates and 400 to 750 nm detection, shaking
- 800TSI: 6- to 96-well plates, 400 to 750 nm detection, temperature control to 50 °C and shaking
- 800TSUV: 6- to 96-well plates and 340 to 750 nm detection, shaking
- 800TSUVI: 6- to 96-well plates and 340 to 750 nm detection, temperature control to 50 °C and shaking
- 800TSNB: 6- to 384-well plates and 400 to 750 nm detection

Optional Accessories:

- Gen5™ Microplate Reader and Imager Software
- Gen5™ Secure (for 21 CFR Part 11 Compliance)
- Absorbance Test Plate
- Product Qualification Package
- Printer

Specifications:

Detection modes:	Absorbance
Read methods:	End point. Kinetic, well area scanning (under computer control)
Microplate types:	6- to 384-well plates
Wavelength range:	400 – 750 nm 340 – 750 nm ("UV" configurations)
Filter wheel capacity:	5 positions
Temperature control:	To 50 °C ("I" configurations)
Light source:	Tungsten halogen
Read speed:	11 seconds/ 96 wells (sweep mode)

See www.biotek.com for detailed specifications.

Preliminary performance values represent the average observed factory test values. Specifications subject to change.

Regulatory:

CE and TUV marked. For In Vitro Diagnostic use.



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