



# SpectraMax ABS and ABS Plus Microplate Readers

## Small but mighty absorbance plate reader

- Affordable monochromator-based plate reader with linearity of up to 3 OD
- Works with 96- and 384-well plates as well as cuvettes (ABS Plus)
- Option to run samples as low as 2  $\mu$ L with the SpectraDrop™ Micro-Volume Microplate
- Runs various assays within the Vis/UV-Vis range such as ELISA, Bradford, BCA, microbial growth, protein quantitation and more

**19,400+**

Citations on Google Scholar for Molecular Devices Absorbance Microplate Readers

**10,700**

Citations on Google Scholar for SoftMax Pro Software

## Key features

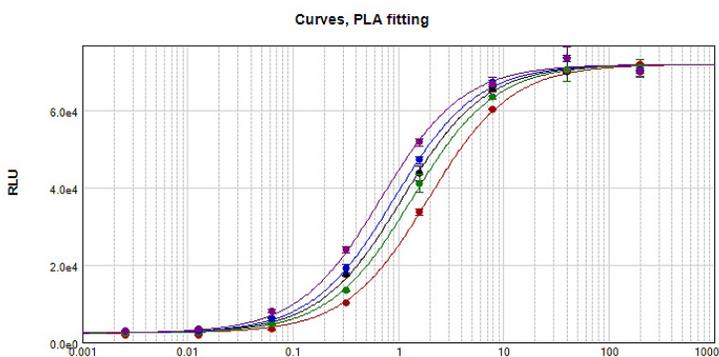
- **Convenience:**
  - Flexibility to choose your wavelength
  - Elimination of well-to-well pipetting differences with Patented PathCheck® Sensor
- **Ease-of-use:**
  - Preconfigured protocols such as ELISA and Bradford in SoftMax® Pro Software
  - Easy and fast assay setup and data analysis
- **All-around support**
  - Benefit from nearly 20,000 citations\*
  - Get help with your work from our team of highly rated Ph.D. level scientists

## SpectraMax ABS and ABS Plus Application Capabilities

Capabilities	SpectraMax ABS	SpectraMax ABS Plus	Wavelength	SoftMax Pro Pre-configured Protocols
ELISA	•	•	Variable	•
Bradford, BCA Protein Assay	•	•	540, 590, 595	•
NAD/NADP Conversion		•	340	•
Alkaline Phosphatase (AP) ELISA	•	•	405	•
$\beta$ -galactosidase (Beta GAL)	•	•	405	•
DNA/RNA Quantification		•	260, 280	•
Horseradish Peroxidase (HRP) ELISA	•	•	492	•
MTT & XTT Cell Viability Assay	•	•	570	•
Lowry	•	•	650	•
Diphenylamine DNA (DISHE)	•	•	595	•

### Data analysis made easy

- Quickly export to Microsoft Excel or utilize SoftMax Pro® Software (4 licenses included)
- 160+ preconfigured protocols (including those listed in the above table)
- Optimized analysis algorithms
- 21+ different curve fit options



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