



QR코드를 스캔하여
Demo 동영상을 확인하세요.

SpectraMax ABS and ABS Plus Microplate Readers

소소하지만 **확실한 결과**를 얻으세요

2019년도 행사가격 >>

ABS

₩ 11,500,000 (부가세 별도)

ABS Plus

₩ 14,000,000 (부가세 별도)

(Micro-Volume Microplate SpectraDrop, PC 별도)



Compact Design

컴팩트한 디자인으로 실험실 테이블에 차지하는 공간을 줄여, 실험실의 공간 활용에 더 적합한 조건을 갖추었습니다.

Eliminate Filters

Monochromator 방식으로 원하는 파장을 선택할 수 있어, Filter를 따로 구매하거나 교체할 필요가 없습니다.

Consistent Results

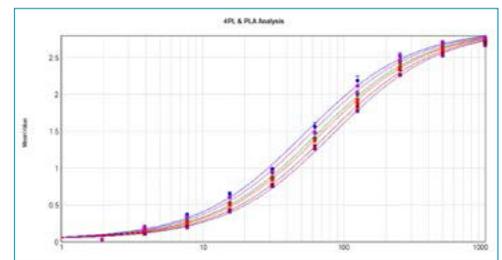
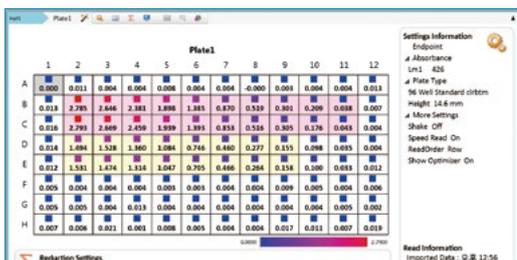
우수한 Photometric accuracy와 Precision 등의 기기적 성능을 통해 재현성이 높은 결과를 얻을 수 있습니다.



SpectraMax ABS and ABS Plus Application Capabilities

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

SoftMax Pro의 강력한 데이터 분석기능



SoftMax pro는 blank subtraction, curve fitting, report generation 등의 강력하고 다양한 실험결과 분석기능을 제공하여, Publication에 필요한 데이터를 보다 빠르고 쉽게 얻을 수 있습니다.

SpectraMax ABS and ABS Plus Technical specification

	SpectraMax ABS Microplate Reader	SpectraMax ABS PLUS Microplate Reader with UV-Vis and Cuvette
Photometric performance		
Wavelength range	340 nm - 850 nm	190 nm - 1000 nm
Wavelength selection	Monochromator, tunable in 1.0 nm increments	Monochromator, tunable in 1.0 nm increments
Wavelength bandwidth	2 nm	2 nm
Wavelength accuracy	±1.0 nm	±1.0 nm
Wavelength repeatability	±0.2 nm	±0.2 nm
Stray light	< 0.05% @ 340 nm	< 0.05% @ 230 nm
Photometric range	0.000 OD - 4.000 OD	0.000 OD - 4.000 OD
Photometric resolution	0.001 OD	0.001 OD
Photometric accuracy (microplate)	< ±0.006 OD ±1.0%, 0-3 OD	< ±0.006 OD ±1.0%, 0-3 OD
Photometric accuracy (cuvette)	N/A	< ±0.005 OD ±1.0%, 0-3 OD
Photometric precision	< ±0.003 OD ±1.0%, 0-2 OD	< ±0.003 OD ±1.0%, 0-2 OD
Read times (kinetic interval for 96-well plate)	8 seconds	5 seconds
Temperature regulation		
Temperature range	+5°C to 45°C	+5°C to 45°C
Temperature uniformity (microplate)	±0.5°C at 37°C	±0.5°C at 37°C

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