

See efficiency in action. Contact your local Fisher Scientific sales representative for information on a demonstration of the Promega® Maxwell® 16 Instrument and Thermo Scientific NanoDrop™ 8000 Spectrophotometer.



## PURIFY AND QUANTIFY...

...DNA OR RNA WITH PROMEGA® MAXWELL® 16 AND THERMO SCIENTIFIC NANODROP™ INSTRUMENTS.



For customer service, call 1-800-766-7000.  
To fax an order, use 1-800-926-1166.  
To order online: [www.fishersci.com](http://www.fishersci.com)

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SCIENTIFIC





## Purify with a Promega® Maxwell® 16 Instrument

Efficient, automated purification of genomic DNA, RNA or protein from a wide range of sample types



- Superior mixing reduces hands-on time to purify nucleic acid and improves consistency of yield and purity
- Integrated tissue grinding eliminates preprocessing of mouse tails or tissue samples for genomic DNA purification
- Preprogrammed with sample-specific automated methods
- Footprint comparable to open laptop computer: 32.55 x 43.82 x 32.65cm

### Maxwell 16 Instrument

To complete the instrument: choose **Maxwell 16 SEV Hardware Kit (PRAS1200)** for a standard elution volume (SEV) instrument or **Maxwell 16 LEV Hardware Kit (PRAS1250)** for a low elution volume (LEV) instrument. Visit [www.fishersci.com](http://www.fishersci.com) for a listing of components in each kit.

Instruments and Kits	Description	Cat. No.
Maxwell 16	Main Unit	PRAS2000
Maxwell 16 SEV Hardware	300µL elution volume	PRAS1200
Maxwell 16 LEV Hardware	20 to 100µL elution volume	PRAS1250
Maxwell 16 Blood DNA Purification Kit		PRAS1010
Maxwell 16 Polyhistidine Protein Purification Kit		PRAS1060
Maxwell 16 Tissue LEV DNA Purification Kit		PRAS1220

Check out the complete line of purification kits for DNA, RNA and recombinant proteins online at [www.fishersci.com](http://www.fishersci.com).



## Quantify with Thermo Scientific NanoDrop™ 8000 Spectrophotometer

Measures up to eight 1µL samples simultaneously



- Each sample is read using two pathlengths to achieve a large dynamic range: 2–3700ng/µL (dsDNA) on a single sample
- Eliminates the need for cuvettes and capillaries with patented sample retention system
- Obtain 8 measurements within 20 seconds
- Pipet directly onto measurement surface
- All data stored and saved for every measurement
- Small footprint (32 x 24cm) with easy setup
- Software designed for life sciences applications

### Specifications

<b>Pathlengths</b>	1 and 0.2mm
<b>Wavelength Range</b>	220 to 750nm
<b>Wavelength Accuracy</b>	1nm
<b>Absorbance Range</b>	0.02 to 75 (10mm equivalent absorbance)
<b>Light Source</b>	Xenon flash
<b>Detector Type</b>	2048-element linear silicon CCD
<b>Weight</b>	7.5 lb. (3.4kg)
<b>Cat. No.</b>	ND8000



The Sample Position Illuminator keeps track of the samples to be measured by lighting up wells from beneath the plate. Visit [www.fishersci.com](http://www.fishersci.com) to learn more about how the Illuminator reduces human error.

For lower throughput applications, check out the Thermo Scientific NanoDrop 1000 at [www.fishersci.com](http://www.fishersci.com). NanoDrop 1000 has many of the same exciting features as NanoDrop 8000 in a still more compact footprint.