Maxwell 16® System

Walk-away automation
1–16 sample capacity
Consistent yield and purity
The Maxwell® 16 Instrument


- Purifies samples in 30-45 minutes allowing you to focus on performing downstream applications
- Provides optimized automated DNA, RNA and recombinant protein purification for 1 to 16 samples
- Improves consistency by eliminating manual processing

The Instrument uses predispensed reagent cartridges. It measures 12.9”H x 12.8”W x 17.3”D and weighs 42.7lbs.
Purify from almost anything
Change applications by changing cartridges

- Genomic DNA
  - Whole blood
  - Buffy coat cells
  - FFPE tissues
  - Cultured cells
  - Bacterial cells
  - Yeast colonies
  - Mouse tail snips
  - Animal tissues
  - Whole Drosophila
  - Plant tissues
  - Seeds
  - Foods
  - etc.

- Total RNA
  - Whole blood
  - Buffy coat cells
  - Cultured cells
  - Animal tissues
  - Plant tissues
  - etc.

- Recombinant Polyhistidine-tagged protein
  - Bacterial cells
  - Mammalian cells
  - Insect cells
  - Conditioned culture media
  - etc.

View More Sample Types
Maxwell® 16 is a particle processor...

...not a liquid handler

- No clogs
- No drips

1. The sample is mixed by rapid up-and-down movement of the single-use plunger.

2. The paramagnetic particles are captured after the plunger is magnetized.

3. The paramagnetic particles bind with nucleic acid.

4. DNA or RNA is purified through a series of capture and release washes.

5. The purified DNA or RNA is released into the elution tube.
Many purification options available

Work with large or small samples with two instrument formats

Switch between SEV and LEV formats in less than 5 minutes

Standard Elution Volume (SEV) DNA:
- Maxwell 16 Blood DNA Kit
- Maxwell 16 Cell DNA Kit
- Maxwell 16 Tissue DNA Kit
- Maxwell 16 Mouse Tail DNA Kit

SEV Polyhistidin-tagged Protein:
- Maxwell 16 Polyhistidin Protein Purification Kit

SEV Total RNA:
- Maxwell 16 Total RNA Kit

Low Elution Volume (LEV) DNA:
- Maxwell 16 FFPE Tissue Kit
- Maxwell 16 Low Cell Volume Kit
- Maxwell 16 LEV Blood DNA Kit

LEV Total Nucleic Acid
- Maxwell 16 LEV Viral Total Nucleic Acid Kit

LEV Total RNA:
- Maxwell 16 LEV Cell RNA Kit

Ordering Information

References

Explore Purified Samples

View Technical Manuals
Picture Maxwell® 16 In Your Lab...

Ordering Information

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*For Laboratory Use.
<sup>(a)</sup> Patent pending.
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More Information

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Online service & support


