



# Agilent 2200 TapeStation System

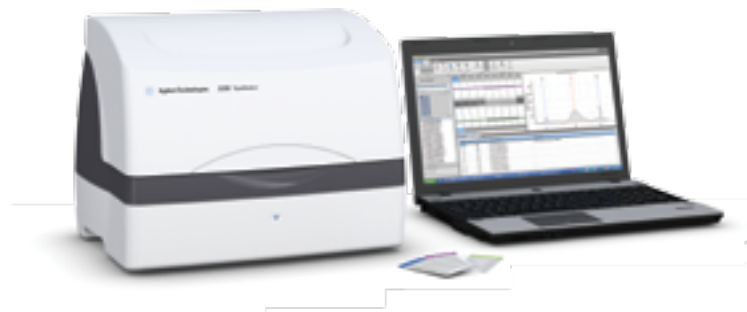
Accelerated electrophoretic analysis of RNA, DNA and proteins

## Automated electrophoresis with scalable throughput

Developed by the company behind the industry-leading Agilent 2100 Bioanalyzer, the Agilent 2200 TapeStation system offers scalable throughput and rapid results, making it an ideal solution for quality control of biological samples in next-generation sequencing (NGS), microarray (including array CGH) and qPCR workflows, as well as in protein purification and antibody production.

The 2200 TapeStation system uses credit card-sized, disposable ScreenTape that is available for DNA, RNA and protein applications.

Sample QC has never been so easy – simply load the 2200 TapeStation instrument with ScreenTape, loading tips, and your samples in 16-tube strips or 96-well plates – and you will be reviewing results in as little as one minute per sample!



## Key Features

### Scalable throughput

Individual channels facilitate variable throughput at a constant cost per sample.

### Fast results

Obtain results in as little as one minute per sample, even for 96 samples.

### Easy to use

Simplify your workflow with ready-to-use ScreenTape consumables.

### Excellent reproducibility

Achieve user-independent results through minimal manual intervention and pre-packaged reagents.

### Low sample need

Use no more than 2  $\mu$ L of your precious samples per run – even for high sensitivity analysis.

### Highest flexibility

Switch with ease between DNA, RNA and Protein ScreenTape for greater flexibility.

### Absolute robustness

The system doesn't contain fragile or other error-prone features and procedures.

### Zero carryover

In addition to individual filtered loading tips for each sample – the ScreenTape analyses each sample in a separate lane.

### Protect sample performance

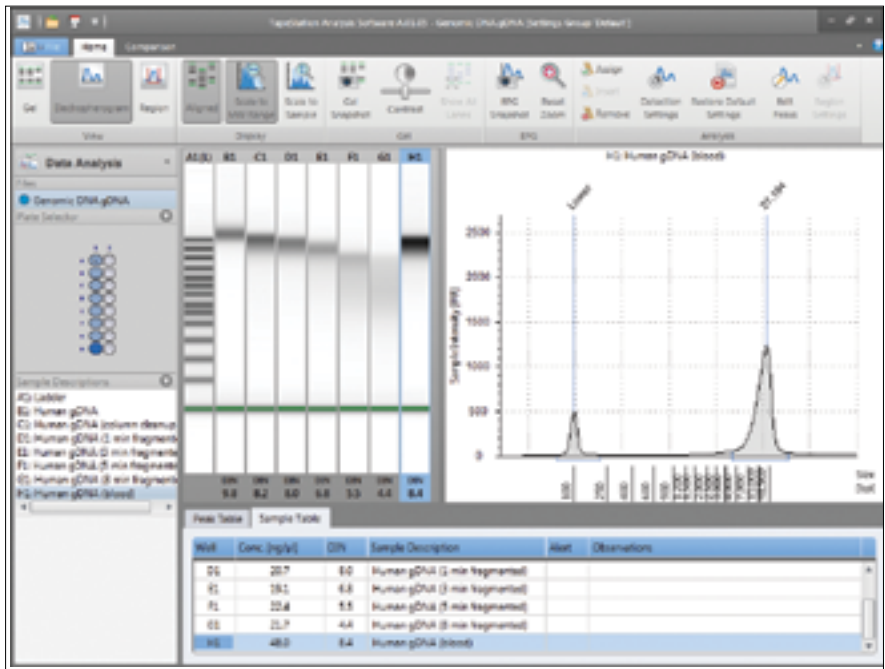
Avoid sample evaporation by covering your 96-well plates with foil.

### Small footprint

Save valuable bench space in your lab as there is no need for gel tanks, buffer bottles or documentation systems.



Agilent Technologies



The intuitive 2200 TapeStation software represents the automatically analyzed data as a familiar gel image and electropherogram for each sample. The results are also presented in a tabular format. Additional tools are also provided for easy sample comparison and reporting.

The figure shows the results from the Genomic DNA ScreenTape assay. The DNA Integrity Number (DIN), a numeric assessment of genomic DNA integrity, is presented below the gel lanes.

Instruments	Applications	Components
<b>2200 TapeStation System</b> (G2964AA)	For RNA, DNA and protein analysis	Includes 2200 TapeStation instrument, laptop with 2200 TapeStation software, vortexer, accessories, consumables, and user information.
<b>2200 TapeStation Nucleic Acid System</b> (G2965AA)	For RNA and DNA analysis only	Includes 2200 Nucleic Acid TapeStation instrument, laptop with 2200 TapeStation software, vortexer, accessories, consumables, and user information.

Specifications 2200 TapeStation	
Weight:	12.5 kg (27.6 lbs)
Dimensions (w x d x h):	400 x 310 x 310 mm (15.7 x 12.2 x 12.2 in)
Line voltage:	100-240 V AC
Line frequency:	50-60 Hz
Power consumption:	40 VA

2200 TapeStation System Consumables	
<b>ScreenTape</b>	D1000 ScreenTape (5067-5582) D5000 ScreenTape (5067-5588) High Sensitivity D1000 ScreenTape (5067-5584) High Sensitivity D5000 ScreenTape (5067-5592) Genomic DNA ScreenTape (5067-5365) RNA ScreenTape (5067-5576) High Sensitivity RNA ScreenTape (5067-5579) P200 ScreenTape (5067-5371)
<b>Reagents</b>	D1000 Reagents (5067-5583) - includes ladder and sample buffer D1000 Ladder (5067-5586) - includes additional ladder High Sensitivity D1000 Reagents (5067-5585) - includes ladder and sample buffer High Sensitivity D1000 Ladder (5067-5587) - includes additional ladder D5000 Reagents (5067-5589) - includes ladder and sample buffer D5000 Ladder (5067-5590) - includes additional ladder High Sensitivity D5000 Reagents (5067-5593) - includes ladder and sample buffer High Sensitivity D5000 Ladder (5067-5594) - includes additional ladder Genomic DNA Reagents (5067-5366) - includes ladder and sample buffer RNA ScreenTape Sample Buffer (5067-5577) - includes sample buffer RNA ScreenTape Ladder (5067-5578) - includes ladder High Sensitivity RNA ScreenTape Sample Buffer (5067-5580) - includes sample buffer High Sensitivity RNA ScreenTape Ladder (5067-5581) - includes ladder P200 Reagents (5067-5372)
<b>Loading tips</b>	Pack of 384 tips (5067-5153) 10 packs of 384 tips (5067-5152)
<b>Sample tube strips</b>	Optical tube, 8x strip, box of 120 (401428) Optical cap, 8x strip, box of 120 (401425)
<b>96-well sample plates</b>	Pack of 25 plates (5067-5150)
<b>96-well plate foil seal</b>	Pack of 100 foils (5067-5154)

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