

lab901

ScreenTape® P200



More time for discovery™

ScreenTape P200 is a fully automated micro-gel system for protein electrophoresis. Without any manual intervention, 16 protein samples are reproducibly separated in less than a minute per sample. All gel reagents are pre-packaged in a convenient kit that includes all protein stains and internal standards. Following automatic loading, separation and imaging, bespoke analysis software identifies and sizes protein peaks, calculates product purity and compares different protein profiles. By generating a GLP compliant report, ScreenTape P200 makes stringent and objective protein quality control possible. This rapid gel electrophoresis platform is intuitive to use and saves significant labour - giving you more time for discovery.



Key Features

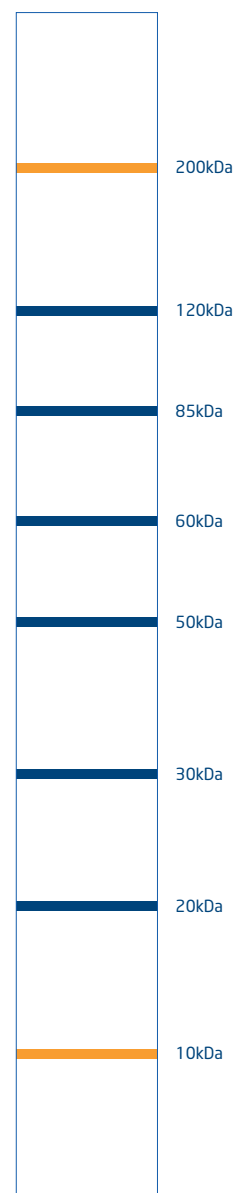
- P200 reagents are all pre-packaged providing accurate and reproducible electrophoresis results with no obligation to handle hazardous chemicals
- Sample-to-answer is achieved in less than 1 minute per sample - the protein analysis bottleneck is eliminated so that purification methods are streamlined
- Full automation results in a walk-away process that eliminates all the complicated and subjective staining and destaining methods involved in standard SDS-PAGE
- ScreenTape can be used more than once - there is no need to batch samples as spare lanes can be used at a later date
- Regulatory compliance is attained with a GLP compliant report that includes any post-analysis modifications

Technical Specifications

Sizing range	10 - 200kDa
MW accuracy (average deviation)	<10%
MW precision	≤ 2% CV
Sample concentration	0.1 to 1mg/ml
Limit of detection	<1ng
Linear range	2 - 200ng per band
Sample volume needed	2µl
Number of lanes / tape	16

System Requirements

P200 ScreenTape	P200 Protein Sample Kit (Reducing or Non-reducing)
Lab901 TapeStation	



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