SCIEX at CE Pharm 2023

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Lightning CE-SDS and ultrafast cIEF
WITH BIOPHASE 8800 SYSTEM & BIOPHASE ANALYSIS KITS

Lightning CE-SDS is 1.5x faster than existing workflows

Ultrafast cIEF requires less than 8.5 minutes per sample

Both methods maintain data quality and reproducibility
Genome integrity analysis of AAVs
WITH BIOPHASE 8800 SYSTEM & RNA 9000 PURITY & INTEGRITY KIT

Comparison electropherograms of ssRNA ladder and empty, full genome extraction
mRNA LNP stability and purity workflow
WITH BIOPHASE 8800 SYSTEM & RNA 9000 PURITY & INTEGRITY KIT

- Easy sample preparation
- mRNA-LNP preparation
- Stability testing workflow
  1. Samples stored at: -80°C, -20°C, 4°C or 25°C for 0, 7 or 92 days
  2. Sample oxidation
- Sample pretreatment options
  1. Water/heat (70°C for 5 minutes)
  2. 0.3% Triton X-100 / heat (70°C for 5 minutes)

- CGE-LIF analysis
- BioPhase 8800 system
- PA 800 Plus system
- RNA 9000 Purity & Integrity kit

- Automated result generation
- Evaluate mRNA CQAs
  - Analyze mRNA identity, integrity and purity
  - Quantitative, high-resolution RNA sizing workflow

find SCIEX at booth #3
Charge variant peak ID with Intabio icIEF-MS system

from weeks per sample

Scale up
Purify protein
Method development
NaCl
WCX
Tris
DEAE
MES
Acetate
pH

charge variant separation by icIEF

coupled characterization by MS

followed by confirmatory cIEF analysis

*Data from research breadboard

Register today for sample analysis

ABOUT US

CAPILLARY ELECTROPHORESIS ENTHUSIASTS

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