



Hand over newborn screening
results you can trust

ACCURACY THE FIRST TIME

Introducing the complete solution for simultaneous, accurate quantitation of amino acids and acylcarnitines in dried blood

Quickly and accurately measure the levels of amino acids and acylcarnitines in dried blood spots, which is a critical element of newborn screening programs for early detection of amino and fatty acid disorders such as PKU or MCAD.

Accurate

The SCIEX Diagnostics solution for amino acids and acylcarnitines in dried blood leverages the sensitivity and specificity of mass spectrometry to quickly and accurately quantitate target molecules, enabling detection of more than 40 metabolic disorders from a single dried blood spot sample. The solution is defining a new standard for routine newborn screening programs.

- Greater selectivity and specificity allow detection of metabolic disorders even at low concentrations of the target analytes, allowing clinicians to make any necessary treatment decisions that impact on a newborn's health as soon as possible.

Amino Acids
Alanine
Arginine
Aspartic acid
Citrulline
Glutamic acid
Glycine
Leucine
Methionine
Ornithine
Phenylalanine
Proline
Tyrosine
Valine

Acylcarnitines and Free Carnitines
Carnitine
C2-Carnitine
C3-Carnitine
C4-Carnitine
C5-Carnitine
C5DC-Carnitine
C6-Carnitine
C8-Carnitine
C10-Carnitine
C12-Carnitine
C14-Carnitine
C16-Carnitine
C18-Carnitine

Efficient

Only SCIEX Diagnostics offers a complete solution from a single source, with everything you need to perform highly accurate newborn screening tests. From the testing kit, to instrumentation, software, service and support, our system is optimized for reliable, sensitive results, day in and day out.

- The ability to quickly and accurately test full panels of amino acids and acylcarnitines in a single run means shorter analysis time and faster achievement of first results.
- Rapid and easy sample preparation and a workflow based on flow injection analysis facilitate a more clinically responsive service.

Additional Acylcarnitines	
C3DC-Carnitine	C14OH-Carnitine
C4OH-Carnitine	C16:1-Carnitine
C4DC-Carnitine	C16:1OH-Carnitine
C5:1-Carnitine	C16OH-Carnitine
C5OH-Carnitine	C18:1-Carnitine
C8:1-Carnitine	C18:2OH-Carnitine
C8:1-Carnitine	C18:1OH-Carnitine
C14:2-Carnitine	C18OH-Carnitine
C14:1-Carnitine	

The SCIEX Diagnostics newborn screening kit simultaneously quantitates the target molecules above, enabling detection of more than 40 metabolic disorders.

Convenient

Our complete system provides all the components and materials needed to achieve exceptional accuracy

- The SCIEX Diagnostics kit for amino acids and acylcarnitines in dried blood includes certified calibrators, controls and internal standards: everything you need for the extraction and analysis.
- Delivers ultimate confidence in getting the right result, the first time.
- Intuitive and powerful ChemoView™ MD software simplifies the learning curve to make proven LC/MS/MS technology and data processing easily accessible to medical technologists and clinical laboratory analysts.
 - One-touch productivity streamlines the workflow from batch submission to report of results.
 - Integrated quantitation and data exploration capabilities provide a total analysis solution to process large data sets generated in routine high throughput analysis
 - Automatic flagging of any samples observed to exceed user defined thresholds

An affordable solution with exceptional support

- A comprehensive Clinical Service Plan supports hospital and clinical diagnostic laboratories with rapid implementation, optimized operation and maximum uptime, all with complete cost transparency.
- “Cost per test” financing options allow easy access to this powerful technology.



Your success is our success

We take it personally

As a SCIE X Diagnostics customer you have access to a world-class customer support organization. Wherever you are, we're there with you as a trusted partner to answer questions, provide solutions, and maximize lab productivity.

Our customer support organization has access to the latest product updates, software revisions, methods and repair procedures to make sure that you stay on top of your game.

When you have questions, we have answers.

Learn more at www.sciexdiagnostics.com/customersupport, or locate your local account representative at www.sciexdiagnostics.com/contactus

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