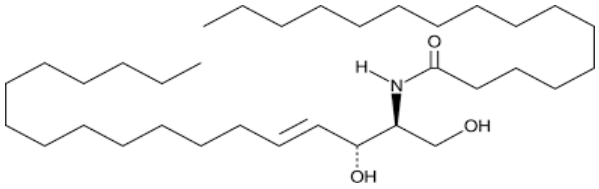
Ceramide Panel

Ceramides

Ceramides are found in great abundance in cells and tissues and a plethora of studies have shown that they are involved in numerous biological processes, such as signal transduction, stress response and apoptosis. They have been implicated in the formation of membranes, contributing to the structural stability of cells' membrane, while their biological activity is depending on the length of the fatty acid chain.



Application

- Cardiovascular diseases
- Metabolic Syndrome
- Multiple sclerosis
- Pregnancy
- Depression
- Alzheimer's disease
- Dermatology
- Clinical studies

Ceramides	LOQ (ng/mL) Serum
N- Palmitoyl-D-erythro-sphingosine (Cer(d18:1/16:0))	2.30
N- Stearoyl-D-erythro-sphingosine (Cer(d18:1/18:0))	2.30
N-Lignoceroyl-D-erythro-sphingosine (Cer(d18:1/24:0))	1.40
N-Nervonoyl-D-erythro-sphingosine (Cer(d18:1/24:1))	1.40

Sample type and required amounts

Sample Type	Sample Requirement
Serum	100 µL
Others on request	

Analysis Method

Waters Acquity UPLC - ABI Sciex API 3200 QqQ.

Contact us to get started

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