

アシルカルニチン・アミノ酸多項目同時測定キット

NeoBase MSMS Kit

- 脂肪酸代謝プロファイルのモニタリング
- アミノ酸代謝プロファイルのモニタリング
- 最適化された濃度の内部標準
- 極めて簡便な操作
- プレート・移動相をオール・イン・ワンパッケージ化



 **ASMS 2010** でも話題となった、ろ紙サンプルからの分析が可能

NeoBase MSMS Kit の測定対象物質

アシルカルニチン		アミノ酸
Free carnitine (C0)	3-hydroxy dodecanoylcarnitine (C10OH)	Alanine
Acetylcarnitine (C2)	Lauroylcarnitine (C12)	Arginine
Propionylcarnitine (C3)	Dodecenoylcarnitine (C12:1)	Citrulline
Malonylcarnitine (C3DC)	3-hydroxy dodecanoylcarnitine (C12OH)	Glycine
Butyrylcarnitine (C4)	Myristoylcarnitine (C14)	Leucine
3-hydroxy butyrylcarnitine (C4OH)	Myristoleylcarnitine (C14:1)	Methionine
Methylmalonylcarnitine (C4DC)	3-hydroxy tetradecenoylcarnitine (C14:10H)	Ornithine
Isovalerylcarnitine (C5)	Tetradecadienoylcarnitine (C14:2)	Phenylalanine
Tiglylcarnitine (C5:1)	3-hydroxy myristoylcarnitine (C14OH)	Proline
Glutarylcarnitine (C5DC)	Palmitoylcarnitine (C16)	Tyrosine
3-hydroxy isovalerylcarnitine (C5OH)	Hexadecenoylcarnitine (C16:1)	Valine
Hexanoylcarnitine (C6)	3-hydroxy palmitoleylcarnitine (C16:10H)	Succinylacetone
Hexenoylcarnitine (C6:1)	3-hydroxy palmitoylcarnitine (C16OH)	
Adipylcarnitine (C6DC)	Octadecenoylcarnitine (C18)	
Octanoylcarnitine (C8)	Octadecenoylcarnitine (Oleyl) (C18:1)	
Octenoylcarnitine (C8:1)	3-hydroxy linoleylcarnitine (C18:20H)	
Nonanlylcarnitine (C9)	3-hydroxy octadecenoylcarnitine (3-OH-oleyl) (C18:10H)	
Decanoylcarnitine (C10)	Linoleylcarnitine (C18:2)	
Decatrienoylcarnitine (C10:3)	3-hydroxy octadecenoylcarnitine (3-OH-stearoyl) (C18OH)	
Decadienoylcarnitine (C10:2)		
Decenoylcarnitine (C10:1)		