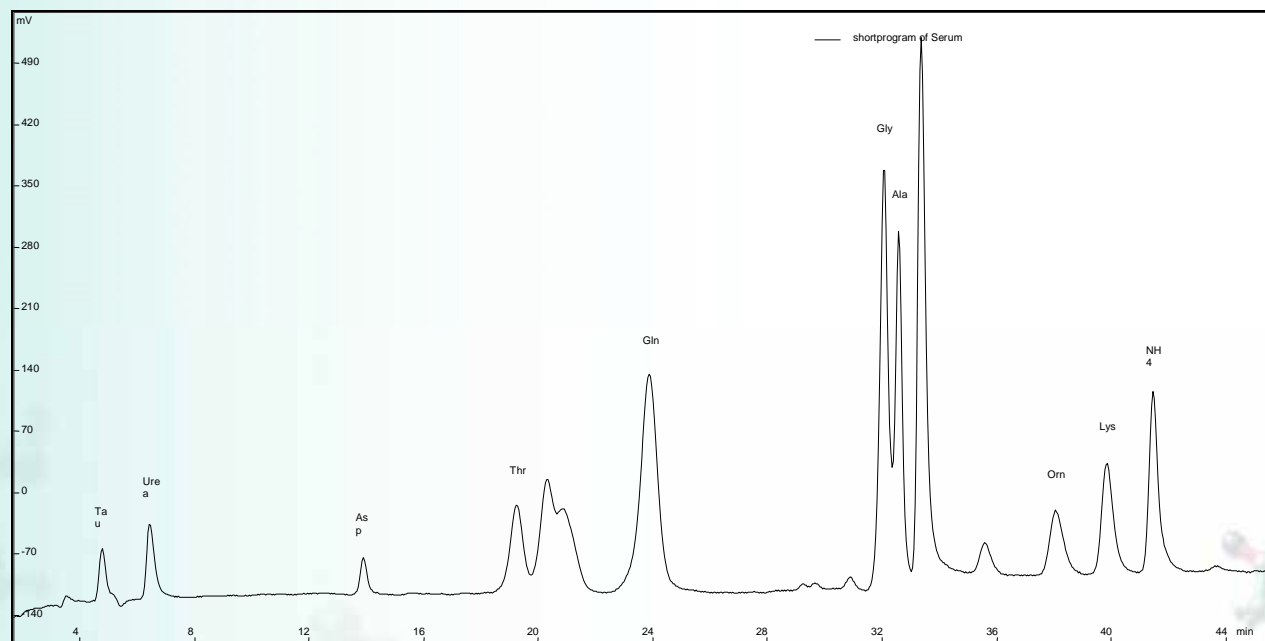


## APPLICATION NOTE

# Analysis of Amino Acid Profile in Serum



**allows the reliable quantification of a special amino acid profile (Tau, Urea, Asp, Thr, Gln, Pro, Orn, Lys, Arg) in less than 50 minutes.**

### Operation Data:

#### Instrument

Amino Acid Analyzer ARACUS

#### Elution Buffers

Membrapure Ready-to-Use Buffers A, B, C, D, E and F

#### Reagent

Membrapure "Reagent for Derivatization"

#### Pre-Column

narrow bore, stainless steel, 30 mm

#### Column

narrow-bore, stainless steel, 125 mm, ID 3 mm

#### Method of Detection

Postcolumn-derivatization with Ninhydrin

#### Detection wavelength

570 nm

#### Sample

Serum

#### Sample Preparation

Membrapure Sample Preparation Kit

#### Injection Volume

20  $\mu$ L

#### Data Acquisition & Analysis Software

iPeak