

Running conditions

Columns: HiScreen Phenyl HP, HiScreen Phenyl FF (high sub), HiScreen Phenyl FF (low sub), HiScreen Butyl-S FF, HiScreen Butyl FF, and HiScreen Octyl FF

Sample: Mixture of cytochrome C, ribonuclease A, lysozyme, and chymotrypsinogen (1:3:1:1) dissolved in start buffer

Sample volume: 1 ml

Start and wash buffer: 100 mM Na₂HPO₄, 1.7 M (NH₄)₂SO₄, pH 7.0

Elution buffer: 100 mM Na₂HPO₄, pH 7.0

Flow rates: HiScreen Phenyl HP, HiScreen Butyl FF, and HiScreen Octyl FF: 1.2 ml/min (150 cm/h)
HiScreen Phenyl FF (high sub), HiScreen Phenyl FF (low sub), and HiScreen Butyl-S FF: 2.3 ml/min (300 cm/h)

Linear gradient: 0 to 100% elution buffer in 10 CV

System: ÄKTApexplorer 100

