

Separation of a melanocyte peptide

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| Method | VBS0041J | |
| HPLC | RP mode | |
| Column: | Eurosil Bioselect 300-5 C18A 150 x4 with precolumn | Order No. 15WK184EBJ |
| Phase: | Eurosil Bioselect 300-5 C18A | |
| Conditions: | Eluent: A: Water + 0,1% Trifluoroacetic acid B: Acetonitrile + 0,1% Trifluoroacetic acid Gradient: 0-6 min 95 % A / 5 % B 6-26 min 95 % A / 5 % B → 30 % A / 70 % B 26-31min 70 % A / 30 % B → 95 % A / 5 % B 31-36 min 5 % A / 95 % B (2 ml/min) Flow rate: 1 ml/min Temperature: Room temperature Sample: 10 µl crude peptides (melanocyte protein) | |
| Detection: | UV 220 nm, 10 mm cell with 2 µl cell volume | |
| Substances: | 1mg/ml crude peptides in A melanocyte protein PMEL 17 human, mouse (209-217) | |
| Keywords: | Eurosil Bioselect, HPLC, peptide separation, melanocyte protein, reversed phase mode | |

Chromatogram:

1 melanocyte peptide

