



Start-End	Mr (obs)	Mr (expt)	Mr (calc)	Delta	Miss	Score	Expect	Sequence
35 – 49	1590.70	1589.69	1589.79	-0.10	0	69	0.0014	K.PPEIAHGYVEHSVR.Y
58 – 72	1708.80	1708.79	1707.84	-0.05	1	42	0.0041	K.LRTEGDGVYTLNNEK.Q
78 – 94	1743.75	1742.74	1742.87	-0.13	0	60	0.0110	K.AVGDKLPECEAVCGKPK.N
19 – 49	3292.61	3291.60	3291.51	0.09	0	98	2.3·10 ⁻⁸	A.VDSGNDVTDIADDGCPKPEIAHGYVEHSVR.Y

Amino acid sequence of m/z 9198 haptoglobin alpha-1 chain (start: 18 – end: 101, 76% sequence coverage):

VDSGNDVTDI ADDGCPKPE IAHGYVEHSV RYQCKNYYKL RTEGDGVYTL NNEKQWINKA VGDKLPECEA VCGKPKNPAN PVQ

B: Comparison of amino acid sequences

m/z 9198 marker

VDSGNDVTDI ADDGCPKPE IAHGYVEHSV RYQCKNYYKL RTEGDGVYTL NNEKQWINKA VGDKLPECEA VCGKPKNPAN PVQ

Haptoglobin alpha-1 chain (Mw 9192.21, pl 5.23)

VDSGNDVTDI ADDGCPKPE IAHGYVEHSV RYQCKNYYKL RTEGDGVYTL NNEKQWINKA VGDKLPECEA VCGKPKNPAN PVQ

Haptoglobin-related-protein (Mw 9492.64, pl 6.76)

LYSGNDVTDI SDDRFKPKPE IANGYVEHLF RYQCKNYYRL RTEGDGVYTL NDKKQWINKA VGDKLPECEA VCGKPKNPAN PVQ

1 11 21 31 41 51 61 71 81