

Characterization of the metal status of natively purified alpha-synuclein from human blood or brain tissue using size exclusion ICP-MS reveals no significant binding of Cu, Fe or Zn.

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Table S1: MRM method parameters for quantifying alpha synuclein

Compound Name	Internal Standard	Precursor Ion	Product Ion	Ret. Time (min)	Collision Energy (V)
EGVVHGVATVAEK	Heavy	437.887501	625.324962	8.62	10.8
EGVVHGVATVAEK	Heavy	437.887501	553.290813	8.62	10.8
EGVVHGVATVAEK	Heavy	437.887501	451.2461	8.62	10.8
EGVVHGVATVAEK	Light	432.569981	618.345717	8.62	10.8
EGVVHGVATVAEK	Light	432.569981	547.308603	8.62	10.8
EGVVHGVATVAEK	Light	432.569981	446.260925	8.62	10.8
TKEGVVHGVATVAEK	Heavy	515.265417	656.327614	8.27	13.5
TKEGVVHGVATVAEK	Heavy	515.265417	233.141023	8.27	13.5
TKEGVVHGVATVAEK	Heavy	515.265417	149.106874	8.27	13.5
TKEGVVHGVATVAEK	Light	508.950862	648.351334	8.27	13.5
TKEGVVHGVATVAEK	Light	508.950862	230.149918	8.27	13.5
TKEGVVHGVATVAEK	Light	508.950862	147.112804	8.27	13.5
TKEQVTNVGGAVVTGVTAVAQK	Heavy	728.70729	985.532091	10.37	21.1
TKEQVTNVGGAVVTGVTAVAQK	Heavy	728.70729	885.466643	10.37	21.1
TKEQVTNVGGAVVTGVTAVAQK	Heavy	728.70729	783.421929	10.37	21.1
TKEQVTNVGGAVVTGVTAVAQK	Light	719.733975	973.567671	10.37	21.1
TKEQVTNVGGAVVTGVTAVAQK	Light	719.733975	874.499258	10.37	21.1
TKEQVTNVGGAVVTGVTAVAQK	Light	719.733975	773.451579	10.37	21.1