

**S6 Table. 2-D DIGE volumes for Apo A-1 proteoforms in Serum.** Values represent the "standardised spot abundances" calculated by DeCyder software.

Proteoform	Technical replicate	AD					iNPH					CT		
		subpool 1	subpool 2	subpool 3	subpool 4	subpool 5	subpool 1	subpool 2	subpool 3	subpool 4	subpool 5	subpool 1	subpool 2	subpool 3
a	1	1,041996	1,151453	1,134575	1,015879	1,172456	0,953696	0,980125	1,070024	1,154256	0,896262	1,011243	1,058766	1,180126
	2	1,058988	1,221608	0,974586	0,900756	1,301453	0,889453	0,866453	1,009807	1,030486	0,961457	1,066192	0,929845	1,053452
	3	1,144862	1,284265	1,053821	0,957288	1,239926	1,024533	0,924199	0,947124	1,092673	0,842843	1,134586	0,988456	1,118106
b	1	1,138465	1,274523	1,157194	1,248846	1,051246	0,940468	0,972798	0,913361	0,952865	0,930622	1,050835	1,043802	1,061088
	2	1,079072	1,138453	1,227456	1,182098	1,182456	1,000549	1,036453	0,975126	0,890453	0,993452	0,989922	1,104812	0,998453
	3	1,049146	1,190213	1,097453	1,118753	1,125761	0,880045	0,910457	0,847653	1,012446	0,871824	1,114596	0,969803	1,125466
c	1	0,974257	1,158393	1,152781	1,169453	1,099038	0,826338	0,885421	0,804236	0,769843	0,810011	1,054695	1,101453	1,039846
	2	1,100787	1,228456	1,200144	1,031453	1,018453	0,884528	0,819695	0,860144	0,885453	0,746255	0,921447	0,995486	1,114541
	3	1,032856	1,089845	1,101453	1,100591	1,151243	0,768453	0,757864	0,748566	0,826345	0,874543	0,99229	1,051478	0,971581
d	1	1,021488	1,222747	1,178453	1,180185	1,271453	0,982433	0,950751	0,975435	1,045455	0,955736	0,944672	1,128846	1,010456
	2	1,172481	1,305426	1,310456	1,249843	1,215531	0,866459	1,015426	0,915363	0,915469	0,891312	0,872454	0,999053	1,120453
	3	1,131798	1,165426	1,248012	1,111456	1,142489	0,925293	0,885429	0,857612	0,982211	0,825476	0,995469	1,061736	1,065411
e	1	0,864113	0,975734	1,021459	0,928453	0,915813	0,936154	1,201455	1,145783	1,256541	0,949266	0,986118	0,851841	0,994318
	2	0,939115	0,897435	0,962239	0,965974	0,974563	0,998476	1,311476	1,269452	1,320451	0,884525	0,912488	0,791442	1,054765
	3	1,012311	1,051453	0,895426	1,084256	0,839453	0,872498	1,259173	1,208161	1,189422	1,012455	1,035496	0,912453	0,929453

average volume proteoform a  
 average volume proteoform b  
 average volume proteoform c  
 average volume proteoform d  
 average volume proteoform e

1,081949	1,219109	1,054327	0,957974	1,237945	0,955894	0,923592	1,008985	1,092472	0,900187	1,070674	0,992356	1,117228
1,088894	1,201063	1,160701	1,183232	1,119821	0,940354	0,973236	0,912047	0,951921	0,931966	1,051784	1,039472	1,061669
1,035967	1,158898	1,151459	1,100499	1,089578	0,826440	0,820993	0,804315	0,827214	0,810270	0,989477	1,049472	1,041989
1,108589	1,231200	1,245640	1,180495	1,209824	0,924728	0,950535	0,916137	0,981045	0,890841	0,937532	1,063212	1,065440
0,938513	0,974874	0,959708	0,992894	0,909943	0,935709	1,257368	1,207799	1,255471	0,948749	0,978034	0,851912	0,992845

	Average AD	St. dev. AD	Average iNPH	St. dev. iNPH	Average CT	St. dev. CT
proteoform a	1,110261	0,117550	0,976226	0,076733	1,06009	0,06311
proteoform b	1,150742	0,046012	0,941905	0,022774	1,05098	0,01112
proteoform c	1,107280	0,050153	0,817846	0,010149	1,02698	0,03269
proteoform d	1,195150	0,054249	0,932657	0,034443	1,02206	0,07321
proteoform e	0,955186	0,032229	1,121019	0,164481	0,94093	0,07745