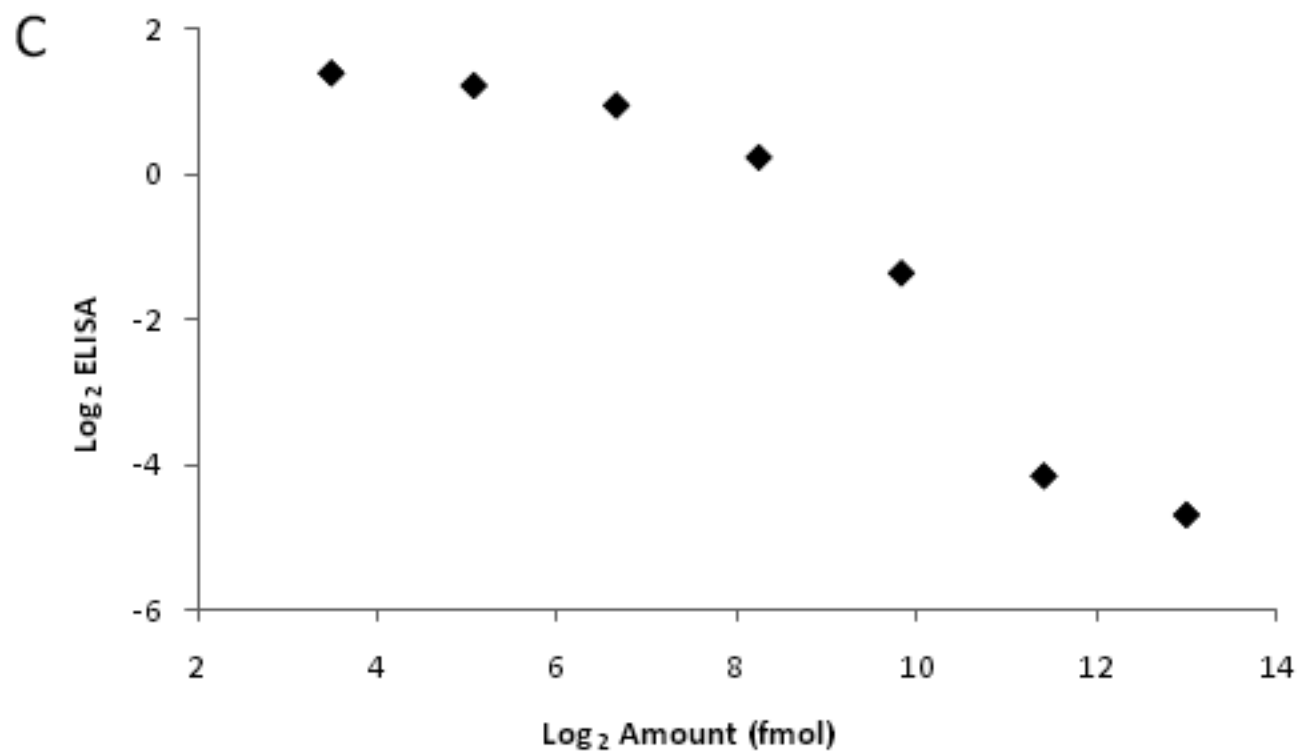
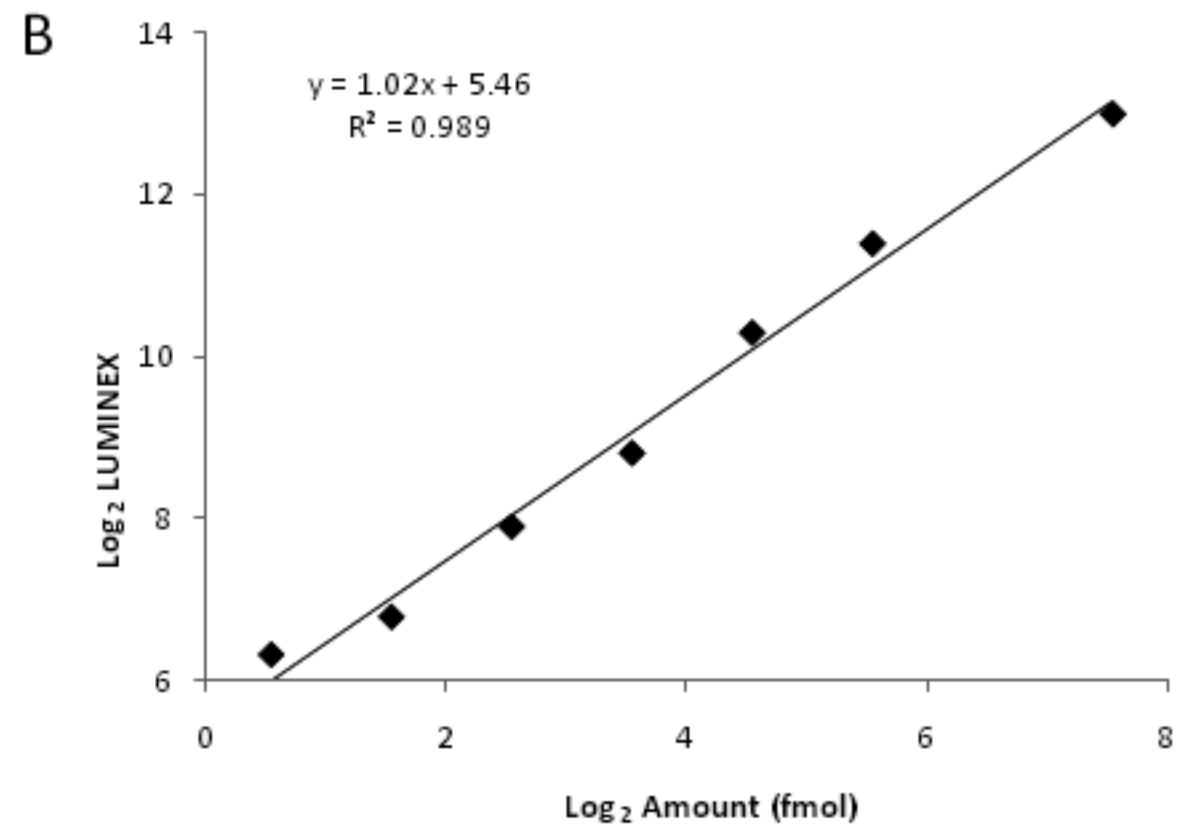
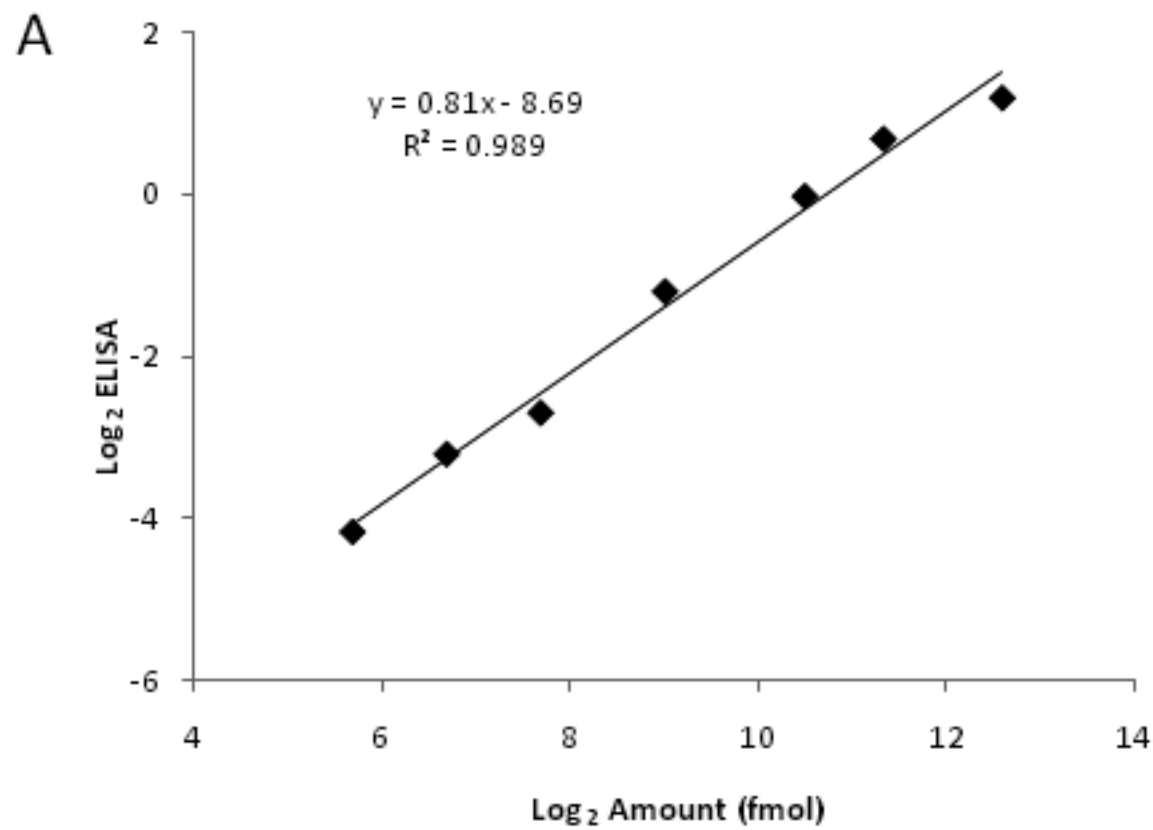
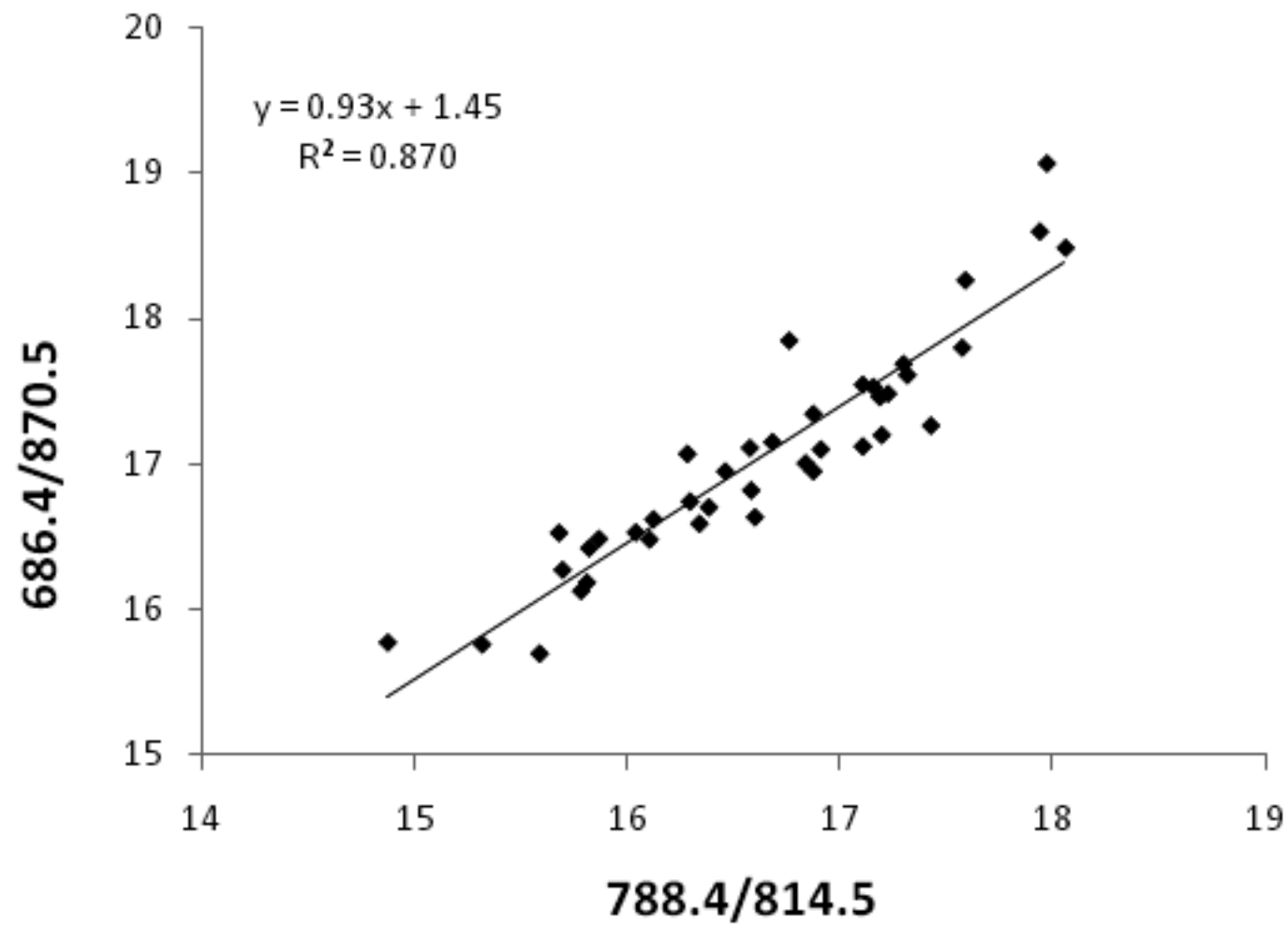


Supplementary Figure 1: Signature chromatographic pattern (XIC) of double transition peaks for peptide with double and triple charges. Normally, four transition peaks (two transitions * two precursor states (2+ and 3+)) corresponding to one peptides will be observed for positive peptides, as in the cases of peak A-E. For false positive peptides, only one or two transitions peaks could be seen, as in the cases of peak F and G.



Supplementary Figure 2:
Performance of ELISA/Luminex kits for SHBG (A), SAA1 (B) and CP (C). Results suggest that kits for SHBG and SAA1 are excellent while the ELISA kit for CP has a very narrow linear range.



Supplementary Figure 3: Correlation between the two transitions derived from two different peptides of CP for neat serum samples from 20 individuals.

Supplementary Table 1: Transitions selected for monitoring SAA1, SHBG and CP.

Protein	Peptide	Charge	Transition	Fragment ion	CE
SAA1	SFFSFLGEAFDGAR**	2+	775.9/822.4*	y8	43.793
			775.9/935.5	y9	
	GPGGVWAAEAISDAR	2+	728.9/832.5*	y8	41.443
			728.9/761.4	y7	
	GPGGVWAAEAISDAR	3+	486.2/632.3*	y6	24.395
			486.2/561.3	y5	
SHBG	TWDPEGVIFYGDTNPK	3+	613.6/631.3*	y6	29.999
			613.6/794.4	y7	
	TWDPEGVIFYGDTNPK**	2+	919.9/941.4*	y8	50.996
			919.9/1054.5	y9	
	IALGGLLFPASNLR	2+	721.4/804.4*	y7	41.071
			721.4/917.5	y8	
	LPLVPALDGCLR	2+	662.4/733.4*	y6	38.119
			662.4/804.4	y7	
CP	ALYLQYTDETFR	2+	760.4/931.4*	y7	43.019
			760.4/768.3	y6	
	DIASGLIGPLILCK	2+	735.4/800.5*	y7	41.771
			735.4/743.4	y6	
	DLYSGLIGPLIVCR**	2+	788.4/814.5*	y7	44.421
			788.4/927.5	y8	
	GAYPLSIEPIGVR	2+	686.4/870.5*	y8	39.319
			686.4/783.5	y7	

* Transition that has higher intensity and used to calculate peak area. ** Peptides analyzed for serum samples.