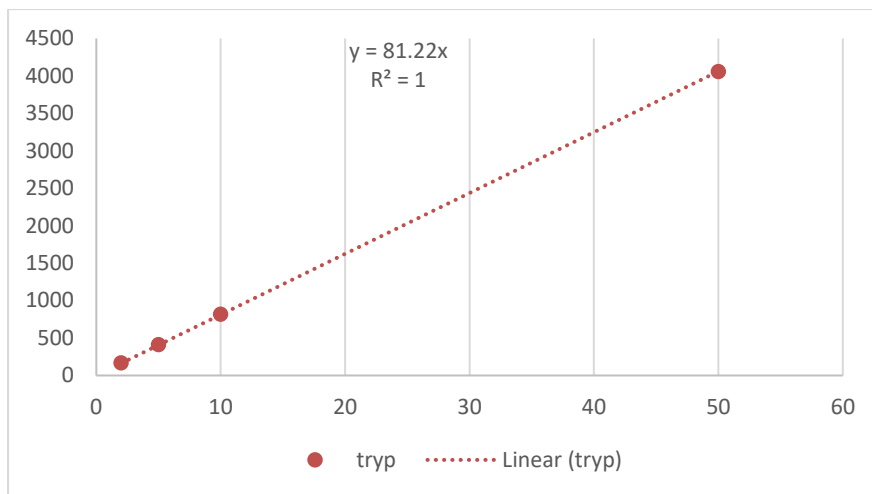


S1: Standard Curves for Calculation of kynurenine metabolite concentrations

um kyn	um tryp		kyn RT	dad area	tryp RT	ex280 area
10	50	KT4	3.202	64.7	7.565	4059.1
5	10	kt3	3.191	30.4	7.53	818.1
2	5	kt2	3.144	8.4	7.446	411.3
1	2	kt1	3.007	4.4	7.134	166.9

a)



b)

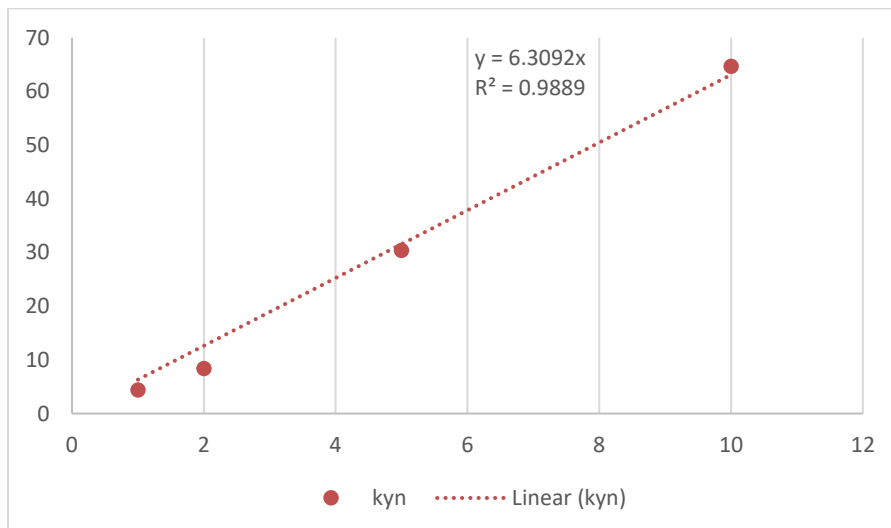
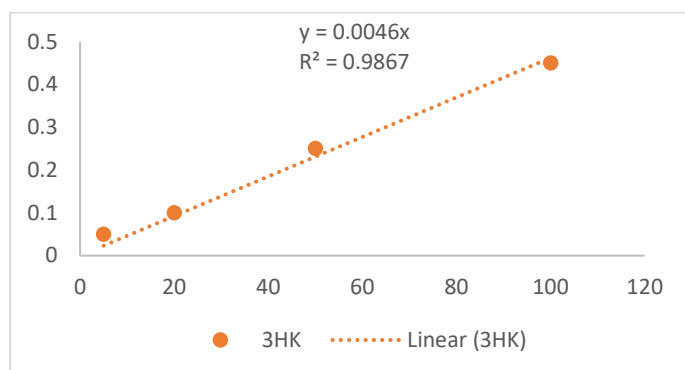


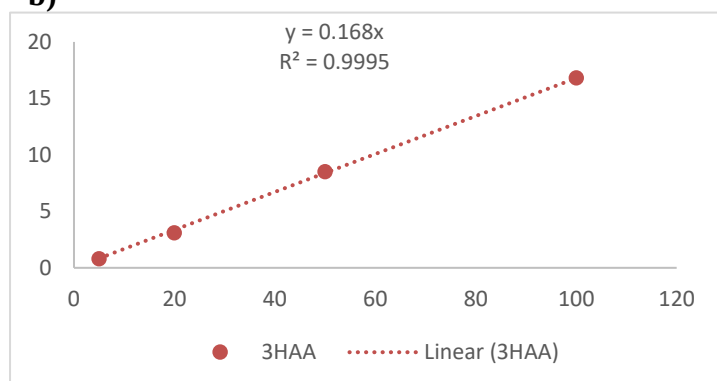
Figure S1: Standard curves for determination of serum (a) TRP and (b) KYN concentration

nm	3HK	dad		3HAA	ex320	AA	ex320
	RT	area		RT	area	RT	area
100	1.241	0.45		3.18	16.8	9.339	17.4
50	1.242	0.25		3.178	8.5	9.34	8.4
20	1.241	0.1		3.18	3.1	9.34	3.5
5	1.236	0.05		3.18	0.8	9.331	0.96

a)



b)



c)

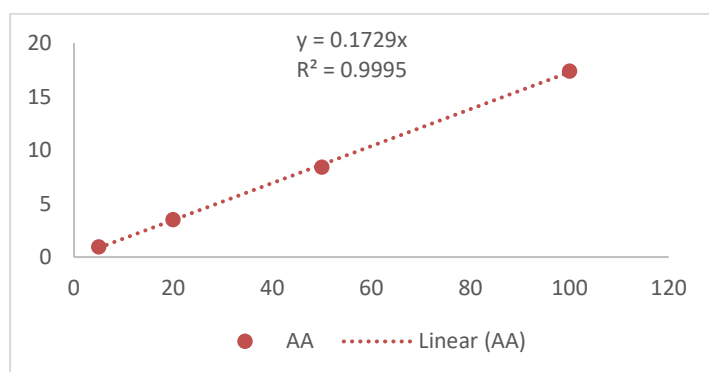


Figure S2: Standard curves for determination of serum (a) 3-HK and (b) 3-HAA and (c) AA concentration