

Supplementary Table S1

Summary of few previously reported Isoflavone methods with newly developed method with same Matrix (Urine) and LOQ may be added as supplement information if needed.

Author	Enzyme based Extraction	Matrix (Urine)	Analysis Time	Diadzein (ng/ml)	Genistein (ng/ml)	S-equol (ng/ml)
Landon Wilson (2014)	β -glucuronidase /sulfatase	Urine	30 mins	1.2	0.15	1.27
Yaoyue Liang (2018)	no enzyme	Urine	30 mins	157	157	157
Soukup (2014)	no enzyme	Urine/Plasma	25 mins	6.4	3.8	63.5
Philip B. Grace (2007)	β -glucuronidase /sulfatase	Urine/Plasma	10 mins	2.0	2.0	2.0
Current Method	No enzyme	urine	05 mins	2.2	4.0	2.0

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