

SUPPLEMENTARY INFORMATION

Application of tandem fast protein liquid chromatography to purify intact native monomeric/aggregated Tamm-Horsfall protein from the human urine and systematic comparisons with diatomaceous earth adsorption and salt precipitation: Yield, purity and time-consumption

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Supplementary Table S1: Raw intensity data used for calculating %Yield.

Sample number	THP band intensity in each sample				<i>Formula 1: %Yield = (THP intensity in each purified sample / THP intensity in whole urine) ×100</i>		
	Whole urine	Salt precipitation	DE adsorption	Tandem FPLC	Salt precipitation	DE adsorption	Tandem FPLC
N1	16777844	7444236	10247757	1353156	44.37	61.08	8.07
N2	24616436	12261993	21326062	4226455	49.81	86.63	17.17
N3	16218859	6584919	10586256	1076211	39.25	63.10	6.41
Mean					44.48	70.27	10.55
SEM					3.05	8.20	3.35

Supplementary Table S2: Raw intensity data used for calculating %Purity.

Sample number	Band intensity in each sample						<i>Formula 2: %Purity = (THP intensity in each purified sample / Intensity of all protein bands in the same sample) ×100</i>		
	Salt precipitation		DE adsorption		Tandem FPLC		Salt precipitation	DE adsorption	Tandem FPLC
	THP band	All bands	THP band	All bands	THP band	All bands			
N1	12218796	21174864	17750038	20705962	21607998	30057848	57.70	85.72	71.89
N2	13598292	21671242	17639449	20442056	20838135	27960724	62.75	86.29	74.53
N3	10952045	16512794	13160636	14677278	19280825	26924402	66.32	89.67	71.61
Mean							62.26	87.23	72.68
SEM							2.50	1.23	0.93