

**Table 1A: Demographical data of subjects involved and concentration of clinically relevant analytes in the male and female urine standard.** Upper part of the table in bold: Demographic characteristics include average age, body mass index (BMI), glomerular filtration rate (in ml/min, estimated based on the Cockcroft-Gould), and diastolic and systolic blood pressure (in mmHg). Lower part of the table: protein/peptide identity (name or sequence), and average concentration (in ng/ml) and standard deviation are given. n.d.: not detectable. The urinary peptides (see sequences in italic type) could be quantified with use of external stable isotope-labelled peptide standards (Jantos-Siwy et al., J Proteome Res. 8:268-81). Hydroxylated proline sites are annotated by a "p". For further sequence information see **Supplementary ‘Detailed Tables’**).

<b>Analyte or Parameter</b>	<b>male</b>	<b>female</b>
<b>Age</b>	36 ± 6	28 ± 6
<b>BMI</b>	22.5 ± 1.1	22.4 ± 2.8
<b>GFR (CG)</b>	108 ± 6	104 ± 9
<b>Diastolic BP</b>	77 ± 4	71 ± 6
<b>Systolic BP</b>	126 ± 4	112 ± 7
Creatinine	879000 ± 26370	787000 ± 23610
total protein	14600 ± 365	18400 ± 460
IgA	557.7 ± 23.3	258.2 ± 14.1
HAA-IgA	0.224 ± 0.008	0.186 ± 0.012
CD14	10.15 ± 0.36	16.37 ± 0.41
Ngal	2.20 ± 0.08	8.89 ± 0.36
<i>MGPRGPpGPpG</i>	1.82 ± 1.00	2.84 ± 1.42
<i>ApGDRGEpGp</i>	23.86 ± 13.09	29.19 ± 12.34
<i>GDPGPPGpPGpPGpPAI</i>	18.01 ± 23.19	22.17 ± 13.11
<i>SpGSpGPDGKTGPPGpAG</i>	3.75 ± 1.4	6.29 ± 2.16
<i>PpGEAGKpGEQGVpGDLG</i>	0.79 ± 0.57	1.39 ± 1.02
<i>EAIPMSIPPEVKFNKPF</i>	n.d.	n.d.
<i>NGDDGEAGKpGRpGERGpGP</i>	8.24 ± 6.09	21.47 ± 20.49
<i>DAGApGApGGKGDAGApGERGpG</i>	23.01 ± 21.51	31.65 ± 16.65
<i>AGPpGEAGKpGEQGVpGDLGAPGP</i>	1.59 ± 0.93	3.28 ± 1.57
<i>AGPpGEAGKpGEQGVpGDLGApGP</i>	5.18 ± 2.89	12.45 ± 2.75
<i>ADGQpGAKGEpGDAGAKGDAGPpGPA</i>	8.70 ± 4.14	16.44 ± 7.32
<i>GKNGDDGEAGKpGRpGERGpGPQ</i>	3.45 ± 2.99	11.09 ± 6.67
<i>TGPIGPpGPAGApGDKGESGSPGAPPTG</i>	1.19 ± 1.12	3.01 ± 1.13
<i>PpGESGREGApGAEGSpGRDGSpGAKGDRGETGP</i>	56.04 ± 37.67	193.30 ± 87.88
<i>MIEQNTKSPLFMGKVVNPTQK</i>	n.d.	n.d.