

Supplemental material

Supplemental Table 1. AA composition of hepatic free amino acids ($\mu\text{Mol/g}$) as determined 195 min after the beginning of the infusions.

n	CON_CONju/CONpo		CON_CONju/LPSpo		CON_LPSju/CONpo		DON_CONju/CONpo		DON_CONju/LPSpo		DON_LPSju/CONpo		P Value
	6		5		7		7		6		6		
	LSmeans	SE	LSmeans	SE	LSmeans	SE	LSmeans	SE	LSmeans	SE	LSmeans	SE	
Aspartic acid	2.587	0.370	2.499	0.359	2.234	0.227	2.639	0.246	2.162	0.262	2.578	0.247	0.754
Glutamic acid	5.546	0.629	5.888	1.022	4.382	0.470	5.610	0.347	4.296	0.297	4.929	0.578	0.242
Serine	1.401	0.221	1.356	0.145	2.047	0.781	1.336	0.255	0.944	0.092	1.187	0.097	0.491
Glutamine	2.862	0.411	2.551	0.346	2.073	0.141	2.855	0.311	1.875	0.320	3.057	0.455	0.101
Histidine	0.501	0.081	0.428	0.064	0.551	0.089	0.581	0.061	0.366	0.029	0.434	0.079	0.268
Glycine	5.018	0.759	4.862	0.253	5.563	0.694	4.769	0.406	3.868	0.290	4.553	0.345	0.336
Threonine	0.437	0.048	0.393	0.066	0.631	0.127	0.490	0.085	0.317	0.027	0.398	0.071	0.141
Citrulline	0.019	0.003	0.087	0.062	0.027	0.004	0.038	0.019	0.028	0.005	0.031	0.004	0.412
Beta-alanine	0.332	0.065	0.214	0.057	0.295	0.027	0.294	0.016	0.296	0.035	0.360	0.042	0.308
Arginine	0.053	0.007	0.041	0.004	0.044	0.006	0.065	0.025	0.044	0.006	0.051	0.003	0.767
1-methyl-histidine	0.030	0.003	0.029	0.001	0.020	0.005	0.025	0.002	0.023	0.002	0.023	0.003	0.237
3-methyl-histidine	0.008	0.001	0.010	0.001	0.007	0.002	0.009	0.002	0.008	0.001	0.007	0.001	0.562
Alanine	5.651	1.084	7.425	1.123	5.464	0.616	4.732	0.340	4.938	1.167	7.800	1.049	0.106
Carnitine	0.210	0.057	0.138	0.013	0.101	0.019	0.150	0.015	0.110	0.017	0.186	0.037	0.105
Taurine	4.313	0.520	4.075	0.365	5.028	0.589	3.914	0.495	3.207	0.118	3.817	0.590	0.197
Tyrosine	0.206	0.031	0.254	0.023	0.235	0.037	0.192	0.018	0.211	0.027	0.229	0.013	0.646
Cystathionine 1	0.093	0.013	0.080	0.014	0.068	0.008	0.095	0.012	0.075	0.011	0.071	0.011	0.407
Cystathionine 2	0.965	0.142	0.890	0.044	1.119	0.139	0.894	0.070	0.757	0.068	0.865	0.080	0.224
Valine	0.400	0.041	0.364	0.024	0.512	0.075	0.398	0.046	0.348	0.029	0.397	0.039	0.224
Methionine	0.030	0.006	0.026	0.007	0.026	0.011	0.032	0.003	0.010	0.002	0.015	0.005	0.137
Tryptophan	0.206	0.026	0.178	0.010	0.236	0.026	0.181	0.020	0.156	0.008	0.180	0.028	0.166
Phenylalanine	0.682	0.091	0.565	0.054	0.680	0.023	0.681	0.033	0.615	0.071	0.743	0.087	0.512
Isoleucine	0.235	0.026	0.190	0.016	0.251	0.041	0.227	0.027	0.165	0.013	0.184	0.013	0.179
Ornithine	0.471	0.059	0.369	0.027	0.666	0.257	0.534	0.057	0.298	0.024	0.345	0.037	0.319
Leucine	0.401	0.045	0.362	0.031	0.476	0.045	0.385	0.042	0.352	0.023	0.381	0.034	0.260
Lysine	0.371	0.034	0.361	0.032	0.495	0.056	0.357	0.034	0.371	0.032	0.417	0.057	0.186
Proline	0.933	0.251	0.611	0.060	0.541	0.062	0.439	0.088	0.566	0.126	0.542	0.087	0.149

CON_CONju/CONpo, uncontaminated control diet (CON), placebo NaCl infusion (CONju/CONpo), CON_CONju/LPSpo, CON, LPS infusion via portal vein (LPSpo), CON_LPSju/CONpo, CON, LPS infusion via jugular vein (LPSju), DON_CONju/CONpo, deoxynivalenol contaminated diet (DON), CONju/CONpo, DON_CONju/LPSpo, DON, LPSpo, DON_LPSju/CONpo, DON, LPSju.

Supplemental Table 2. Amino acid composition of hepatic protein-bound amino acids ($\mu\text{Mol/g}$) as determined 195 min after the beginning of the infusions.

n	CON_CONju/CONpo		CON_CONju/LPSpo		CON_LPSju/CONpo		DON_CONju/CONpo		DON_CONju/LPSpo		DON_LPSju/CONpo		P Value
	6		5		7		7		6		6		
	LSmeans	SE	LSmeans	SE	LSmeans	SE	LSmeans	SE	LSmeans	SE	LSmeans	SE	
Glutamic acid	131.3	3.3	133.1	2.2	132.4	3.0	131.8	2.5	129.7	2.8	133.8	1.6	0.924
Serine	69.7	1.3	71.4	1.5	71.2	0.6	70.1	1.0	70.3	1.0	72.5	0.8	0.451
Glycine	103.0	2.8	101.7	1.9	107.6	2.4	104.4	1.9	103.8	0.8	107.0	1.3	0.289
Threonine	59.0	1.0	59.0	0.8	58.5	1.1	59.5	1.0	57.3	0.8	59.1	0.9	0.663
Arginine	54.1	0.9	53.7	0.6	54.0	0.8	55.0	0.8	53.2	0.6	54.1	0.9	0.723
Tyrosine	24.4	0.7	24.0	0.5	23.0	0.7	24.0	0.3	22.6	0.5	23.4	0.7	0.243
Methionine	18.0	0.5	17.3	0.4	16.6	0.6	17.9	0.2	16.3	0.3	17.0	0.6	0.062
Phenylalanine	46.0	0.6	47.4	1.6	48.8	1.1	45.6	0.8	48.1	1.0	49.6	1.6	0.111
Isoleucine	54.7	1.3	52.6	1.6	50.9	2.7	55.4	1.2	49.8	1.3	50.9	2.5	0.232
Lysine	105.2	1.5	107.8	2.6	109.3	2.4	106.4	2.7	109.1	2.4	111.3	3.1	0.585
Proline	58.9	2.4	61.9	4.7	56.7	3.4	59.1	2.1	66.2	4.6	63.8	2.9	0.367

CON_CONju/CONpo, uncontaminated control diet (CON), placebo NaCl infusion (CONju/CONpo), CON_CONju/LPSpo, CON, LPS infusion *via* portal vein (LPSpo), CON_LPSju/CONpo, CON, LPS infusion *via* jugular vein (LPSju), DON_CONju/CONpo, deoxynivalenol contaminated diet (DON), CONju/CONpo, DON_CONju/LPSpo, DON, LPSpo, DON_LPSju/CONpo, DON, LPSju.