Supplemental Materials

for

Lipopolysaccharide from *Proteus mirabilis* Slows Platelet Plug Formation in Human Whole Blood

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Table S1

Donor	*A*	*B*	C	D	E	F	G	H	I	J	*K*	*Mean*	*St.Dev.*	*St.Err.*
[LPS] ug/ml	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec
0	84	81	96	103	97	91	104	105	101	95	104	96.45	7.599	2.291
0.2	115	104	120	134	105	98	116	119	127	107	117	114.73	11.823	3.565
1	111	108	118	124	111	87	121	110	125	101	118	112.18	12.227	3.687
2	113	116	123	115	117	88	101	115	151	112	119	115.45	16.948	5.110
3	127	110	157	113	98	110	117	111	145	112	111	119.18	18.959	5.716
4	113	113	136	119	111	97	107	112	130	100	106	113.09	12.811	3.863
5	120	116	111	141	112	100	124	115	144	97	123	118.45	16.216	4.889
6		99		107	121	99	118	120	114	112	123	112.56	8.812	2.937
8	130	123	114	133	111	103	112	115	138	108	115	118.36	11.631	3.507
10	123	125	128	140	129	98	125	117	119	126	116	122.36	11.424	3.444
15	120	124	130	146	129	101	115	112	149	124	120	124.55	15.420	4.649
20	124		136	144	120	101	110	125	119	130	115	122.40	13.840	4.377

n=11

Impact of the concentration of *Proteus mirabilis* lipopolysaccharide (LPS) on platelet plug formation. Varying LPS concentrations, 0 - 20 mg/ml, were incubated for 35 min with 80% whole blood. Each concentration was repeated utilizing blood from 11 different donors. Missing data values are due to instrument error, as a result of flow obstruction or detection of air in the system. *St.Dev.*, Standard deviation; *St.Err.*, Standard error; $St.Err. = \frac{St.Dev.}{\sqrt{n}}$.

Table S2

Donor	*A*	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*K*	*L*	*M*	*Mean*	*St.Dev.*	*St.Err.*
Inc. Time (min)	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec
0, PBS	110	105	98	115	109	89	101	94	84	87	94	96	112	99.54	10.047	2.786
0, LPS	134	114	109	124	122	97	119	93	97	98	121	94	114	110.46	13.464	3.734
5	119	107	98	110	103	98	91	91	56	98	133	96	124	101.85	18.854	5.229
10	117	106	105	124	106	97	103	86	114	76	120	93	117	104.92	14.056	3.898
15	146	133	109	134	107		95	82	97	103	113	92	113	110.33	19.018	5.490
20	151	101	125	123	113	95	100	96	111	95	97	108	110	109.62	16.029	4.446
25	141	116	119	120	102	103	130	94	102	85	106	104	123	111.15	15.383	4.267
30	127	106	138	142	108	95		95	94	87	144	91	132	113.25	21.797	6.292
33	135	122	133	122	99	107	114	96	89	90	106	102	124	110.69	15.532	4.308
35	141	105	116	124	103		91	89	81	89	131	89	120	106.58	19.524	5.636
37	132	105	94	122	81	104	90	85	89	100	120	118	107	103.62	15.798	4.382
40	139	109	126	137	128	105	113	87	107	99	105	92	119	112.77	16.264	4.511
45	183	130	145	110	119	95	101	100	118	107	139	116	127	122.31	23.648	6.559
50	130	147	177	120	113	90	111	93	99	88	121	88	128	115.77	26.074	7.232
60	142	167	158	136	111		133	97	100	96	118	95	101	121.17	25.445	7.345
80	178	174	150	151	116	104	133	108	112	104	140	124	139	133.31	25.035	6.943

n=13

Effect of *Proteus mirabilis* lipopolysaccharide (LPS) preincubation with whole blood on platelet plug formation. Preincubation times are from 0 to 80 min, with a constant LPS concentration of 2 µg/ml in 80% whole blood. A total of 13 donors were repeated for each incubation time. Missing data values are due to instrument error, because of flow obstruction or air detection in the system. *St.Dev.*, Standard deviation; *St.Err.*, Standard error; $St.Err. = \frac{St.Dev.}{\sqrt{n}}$.

Table S3

Donor	*A*	*B*	C	D	E	F	G	H	I	J	K	L	M	N	*Mean*	*St.Dev.*	*St.Err.*
Inc. Time (min)	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec	$Time_C$, sec
0, PBS	88	104	104	115	129	81	103	115	113	92	109	93	105	91	103.00	12.950	3.461
0, LPS	100	122	100	128	134	88	105	151	127	104	174	100	133	91	118.36	24.600	6.575
5	89	106	101	117	117	89	100	123	128	105	133	107	85	81	105.79	16.291	4.354
10	98	129	96	110	120	80	106	138	112	103	143	116	128	90	112.07	18.278	4.885
15	100		110	122	131	92	108	144	111	112	150	127	134	108	119.15	17.209	4.773
20	99	139	106	119	135	82	98	148	118	92		124	161	76	115.15	25.903	7.184
25	86	121	110	98	135	91	103	140	119	86	145	124	122	89	112.07	20.341	5.436
30	104	124	118	123	120	95	101	149	118	84	150	102	140	77	114.64	22.332	5.968
33	94	119	109	117	123	95	107	144		99	165	120	142	99	117.92	21.449	5.949
35	108	111	124	107	135	86	106	144	121	107	120	123	130	101	115.93	15.117	4.040
37	92	132	115	106	135	93	116	146	118	100	121	126	136	109	117.50	16.468	4.401
40	104	147	130	109	116	105	102	167	115	107	121	114	165	92	121.00	23.215	6.204
45	101	160	140	133	147	95	126	160	130	117	168	131	220	117	138.93	31.680	8.467
50	104	115	145	119	121	85	117	187	127	130		131	160	106	126.69	26.004	7.212
60	125	152	124	128	122	82	120	189	144	122	216	137	147	127	138.21	32.292	8.630
80	113	152	142	120	129	94	106	182	138			157	217	146	141.33	33.939	9.797

n=14

Effect of *Proteus mirabilis* lipopolysaccharide (LPS) preincubation with whole blood on platelet plug formation. Preincubation times are from 0 to 80 min, with a constant LPS concentration of 10 µg/ml in 80% whole blood. A total of 14 donors were repeated for each incubation time. Missing data values are due to instrument error as a result of flow obstruction or air detection in the system. *St.Dev.*, Standard deviation; *St.Err.*, Standard error; $St.Err. = \frac{St.Dev.}{\sqrt{n}}$.