

### S1 – CAT (day 7)

[illegible]

## S2 – CAT (day 14)

[illegible]

### S3 – SOD (day 7)

P values derived from Mann Whitney U test for day 7 of the experiment												
	NT	D	DPb	N	Ab	NAb	ND	NDPb	DAb	DPbAb	NDAb	NDPbAb
NT												
D	0.0028											
DPb	0.0106	0.0770										
N	<0.001	0.7304	<0.001									
Ab	0.0244	<0.001	<0.001	<0.001								
NAb	0.4363	0.0315	0.7304	0.0040	0.2581							
ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001						
NDPb	<0.001	0.2581	<0.001	<0.001	<0.001	<0.001	<0.001					
DAb	<0.001	0.6665	<0.001	0.0315	<0.001	<0.001	<0.001	0.7962				
DPbAb	<0.001	0.8633	<0.001	0.4363	<0.001	0.0008	<0.001	0.0188	0.0400			
NDAb	<0.001	0.7132	<0.001	0.7787	<0.001	<0.001	<0.001	<0.001	0.0729	0.9821		
NDPbAb	<0.001	0.3401	<0.001	0.2973	<0.001	0.0078	<0.001	<0.001	0.0056	0.1135	0.0591	

### S4 – SOD (day 14)

P values derived from Mann Whitney U test for day 14 of the experiment												
	NT	D	DPb	N	Ab	NAb	ND	NDPb	DAb	DPbAb	NDAb	NDPbAb
NT												
D	<0.001											
DPb	0.1615	<0.001										
N	<0.001	>0.9999	<0.001									
Ab	0.0012	<0.001	0.0244	<0.001								
NAb	0.7304	<0.001	0.7304	<0.001	<0.001							
ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001						
NDPb	<0.001	0.0400	<0.001	0.0400	<0.001	<0.001	0.0008					
D-Ab	>0.9999	<0.001	0.2581	<0.001	0.0005	0.5457	<0.001	<0.001				
DPbAb	<0.001	0.0078	0.0005	0.0056	<0.001	<0.001	<0.001	<0.001	<0.001			
NDAb	<0.001	0.1903	<0.001	0.1615	<0.001	<0.001	<0.001	0.0333	<0.001	0.1135		
NDPbAb	<0.001	<0.001	<0.001	0.0012	<0.001	<0.001	<0.001	<0.001	<0.001	0.8906	0.4894	

### S5 – GST (day 7)

[illegible]

### S6 - GST (day 14)

[illegible]

**S7 - MDA (day 7)**

<b>P values derived from Mann Whitney U test for day 7 of the experiment</b>												
	NT	D	DPb	N	Ab	NAb	ND	NDPb	DAb	DPbAb	NDAb	NDPbAb
NT												
D	<0.001											
DPb	<0.001	0.0005										
N	<0.001	<0.001	<0.001									
Ab	<0.001	<0.001	<0.001	<0.001								
NAb	<0.001	0.0770	0.5457	<0.001	<0.001							
ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001						
NDPb	<0.001	<0.001	<0.001	0.0315	<0.001	<0.001	<0.001					
DAb	<0.001	<0.001	<0.001	0.8633	<0.001	<0.001	<0.001	0.0106				
DPbAb	<0.001	<0.001	<0.001	0.0770	<0.001	<0.001	<0.001	0.0008	0.0056			
NDAb	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0040	0.0019	<0.001	<0.001		
NDPbAb	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.6210	<0.001	<0.001	<0.001	0.0028	

**S8 – MDA (day 14)**

<b>P values derived from Mann Whitney U test for day 14 of the experiment</b>												
	NT	D	DPb	N	Ab	NAb	ND	NDPb	DAb	DPbAb	NDAb	NDPbAb
NT												
D	<0.001											
DPb	<0.001	0.0315										
N	<0.001	<0.001	<0.001									
Ab	0.0142	<0.001	<0.001	<0.001								
NAb	<0.001	0.0142	0.0002	<0.001	<0.001							
ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001						
NDPb	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001					
DAb	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.3401				
DPbAb	<0.001	0.0244	<0.001	<0.001	<0.001	0.7962	<0.001	<0.001	<0.001			
NDAb	<0.001	<0.001	<0.001	0.0003	<0.001	<0.001	0.7962	<0.001	<0.001	<0.001		
NDPbAb	<0.001	<0.001	<0.001	0.7962	<0.001	<0.001	<0.001	0.0012	0.0056	<0.001	0.0005	