

Fig. 2C

Animal #/Study day	10ug dscCfaEB + 2500ng LTR192G					10ug dscCfaEB + 500ng LTR192G					10ug dscCfaEB + 100ng LTR192G					10ug dscCfaEB + 50ng LTR192G					10ug dscCfaEB + 10ng LTR192G					10ug dscCfaEB + 2500ng dmLT					10ug dscCfaEB + 500ng dmLT					10ug dscCfaEB + 100ng dmLT					10ug dscCfaEB + 50ng dmLT					10ug dscCfaEB + 10ng dmLT					Saline																																					
	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7																		
29	12.5	11.9	10.3	13	12.8		10.4	9.32	10	4.8	9.42	8.68		13.7	8.75	8.33	8.28		7.21	6.86	7.31	7.4	7.4	8.36	7.05	7.4	7.95	6.1	9.47	10.2	10.7					9.1	8.66	7.97	8.01	3.77	8.62	8.52	7.73	9.2	7.67	8.46	7.1	6.97	7.95	7.5	7.71	7.4	5.29	4.52	5.25	4.88	7.55							0	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
30	7.44	8.11	6.23	7.88	8.32		8.57	6.2	7.05	5.11	7.34	5.88		5.77	5.28	5.31	4.6		4.29	4.56	4.26	4.53	5.16	4.48	5.42	5.36	4.67	4.72	7.26	7.44	9.61					7.93	7.52	5.35	5.57	7.12	7.06	6.48	5.1	6.01	5.15	5.61	5.6	4.26	4.61	4.71	5.06	4.86	0	3.67	4.34	0	4.29							0	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	
31	6.2	5.84	5.61	6.17	5.86		5.31	0	5.42	4.55	4.51	4.23		3.9	4.18	4.46	4.36		4.69	3.84	3.54	3.55	3.6	3.73	3.69	4.17	0	3.46	6.04	6.63	7.24					4.51	6.76	4.58	4.55	5.61	5.09	5.26	3.99	4.93	4.31	4.38	4.46	0	4.55	4.69	4.27	0	0	0	3.33	0	3.48							0	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0							
35	4.53	0	0	5.03	0		4.06	0	4.21	0	3.61	0		0	0	0	4.33		0	0	0	0	0	0	0	0	0	0	0	4.69	4.81					0	0	0	0	0	3.27	2.86	3.1	0	0	0	0					0	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0																			
42	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0																		

Fig. 2D

Dose and Site/Animal ID	mLT															dmLT														
	2500 S1	2500 S2	2500 S3	500 S1	500 S2	500 S3	100 S1	100 S2	100 S3	50 S1	50 S2	50 S3	10 S1	10 S2	10 S3	d 2500 S1	d 2500 S2	d 2500 S3	d 500S1	d 500S2	d 500S3	d 100S1	d 100S2	d 100S3	d 50 S1	d 50 S2	d 50 S3	d 10 S1	d 10 S2	d 10 S3
1	17.035	15.715	12.45	12.85	11.99	10.435	7.79	8.15	8.68	7.83	7.72		5.975	7.405	8.36	19.83	11.35	9.47	16.82	7.475	7.965	6.735	7.905		7.155	4.96		4.375	4.77	5.29
2	18.62	15.785		14.08	15.065	9.315	9.42	9.7		6.9735	6.64	7.205	7.04	7.645	7.045	18.46	13.385	10.235	15.98	7.54	8.01	6.11	8.725	7.73	6.975	5.515		3.73	5.885	4.52
3	17.795	19.025	11.86	16.315	13.36		7.955	10.055		5.91	7.06		6.545	6.995	7.395	20.835	11.355	10.745	16.455	8.53	7.115	8.64	8.04	9.195	4.405	6.73	6.97	4.815	4.975	
4	17.77	14.895	10.29	13.07	11.51	10.005	7.9	9.065	13.69	7.14	5.91	6.855	5.735	5.965		15.815	12.06		11.69	7.655		7.74	6.85		6.085	6.79	7.95	0	6.215	5.245
5	19.16	18.435	13.025	13.525	12.785	5.105	8.78	9.41	8.75	8.495	8.94	7.305	6.945	6.525	7.945	16.98	14.3		16.03	8.34		9.21	7.59	7.665	6.695	6.12	7.495	0	6.89	4.88
6	15.105	15.315	12.765	14.885	14.97	9.415	9.015	10.735	8.325	7.725	8.68	7.395	6.52	7.555		19.07	16.705	9.1	16.12	8.995	8.62	7.72	6.64	8.46	6.06	6.98	7.71	6.74	6.225	7.55
7	16.675	20.225		10.725	11.44		8.79	12.265	8.28	5.585	7.26	7.4	5.88	5.6	6.095	17.6	12.51	8.655	16.085	8.225	8.52	8.55	7.435	7.1	6.11	6.89	7.395	0	5.925	

Fig. 4A

Study day/Animal #	Group 1					Group 2					Group 3					Group 4					Group 5					Group 6					Group 7					Group 8					Group 9					Group 10					Group 11					Group 12									
	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5															
0	1.4					1.4					1.4					1.4					1.4					1.4					1.4					1.4					1.4					1.4					1.4					1.4					1.4				
14	3.65					3.07					2.78					2.66					3.16					3.27					3.31					3.14					3.39					3.22					2.03					1.4					1.4				
28	4.19					4.54					4.46					4.72					4.54					4.8					4.84					4.85					5.07					4.87					2.94					1.4					1.4				
42	4.44	4.34	4.3	4.69	4.71	4.71	5.08	5.01	5.09	4.86	4.19	4.41	4.64	4.39	5.12	4.72	4.93	4.73	5.15	5.26	4.7	4.46	4.99	5.27	5.25	4.88	4.77	4.84	4.93	5.02	4.92	5.1	4.98	4.92	5.54	4.72	4.77	4.57	4.98	5.32	5.53	5.33	5.36	5.33	5.35	5.5	4.69	5.51	5.35	4.9	2.2	3.18	4.04	2.59	3.01	1.4	1.4	1.4	1.4	1.4					

Groups ID
 Group 1 10 mcg CFAE + 0.01 mcg mL T
 Group 2 10 mcg CFAE + 0.05 mcg mL T
 Group 3 10 mcg CFAE + 0.1 mcg mL T
 Group 4 10 mcg CFAE + 0.5 mcg mL T
 Group 5 10 mcg CFAE + 2.5 mcg mL T
 Group 6 10 mcg CFAE + 0.01 mcg dmLT
 Group 7 10 mcg CFAE + 0.05 mcg dmLT
 Group 8 10 mcg CFAE + 0.1 mcg dmLT
 Group 9 10 mcg CFAE + 0.5 mcg dmLT
 Group 10 10 mcg CFAE + 2.5 mcg dmLT
 Group 11 10 mcg CFAE
 Group 12 Saline

Fig. 4B

Animal #	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12
1	4.44	4.71	4.19	4.72	4.7	4.88	4.92	4.72	5.53	5.5	2.2	1.4
2	4.34	5.08	4.41	4.93	4.46	4.77	5.1	4.77	5.33	4.69	3.18	1.4
3	4.3	5.01	4.64	4.73	4.99	4.84	4.98	4.57	5.36	5.51	4.04	1.4
4	4.69	5.09	4.39	5.15	5.27	4.93	4.92	4.98	5.33	5.35	2.59	1.4
5	4.71	4.86	5.12	5.26	5.25	5.02	5.54	5.32	5.35	4.9	3.01	1.4

Groups ID	
Group 1:	10 mcg CfaE + 0.01 mcg mL
Group 2:	10 mcg CfaE + 0.05 mcg mL
Group 3:	10 mcg CfaE + 0.1 mcg mL
Group 4:	10 mcg CfaE + 0.5 mcg mL
Group 5:	10 mcg CfaE + 2.5 mcg mL
Group 6:	10 mcg CfaE + 0.01 mcg dmLT
Group 7:	10 mcg CfaE + 0.05 mcg dmLT
Group 8:	10 mcg CfaE + 0.1 mcg dmLT
Group 9:	10 mcg CfaE + 0.5 mcg dmLT
Group 10:	10 mcg CfaE + 2.5 mcg dmLT
Group 11:	10 mcg CfaE
Group 12:	Saline

Fig. 4C

Duplicates	IgG1											IgG2a												
Assay 1	2500 mL G1	500 mL G1	100 mL G1	50 mL G1	10 mL G1	2500 dmLT G1	500 dmLT g1	100 dmLT G1	50 dmLT G1	10 dmLT g1	CfaEB G1	Saline G1	2500 mL 2a	500 mL 2a	100 mL 2a	50 mL 2a	10 mL 2a	2500 dmLT 2a	500 dmLT 2a	100 dmLT 2a	50 dmLT 2a	10 dmLT 2a	CfaEB 2a	Saline 2a
Assay 2	5.535	5.588	5.539	5.667	5.678	5.63	5.694	5.613	5.72	5.684	4.168	1.916	3.818	3.393	3.03	2.839	3.224	3.9	3.587	3.361	3.288	3.015	1.4	1.4
	5.561	5.553	5.475	5.583	5.565	5.522	5.523	5.594	5.644	5.6	4.154	1.683	3.836	3.488	3.13	2.957	3.278	3.804	3.427	3.293	3.153	2.996	1.4	1.4

Fig. 4D

Duplicates	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12
Assay 1	3.31	3.11	2.93	2.88	3.06	3.42	3.38	3.34	3.33	3.37	1.4	1.4
Assay 2	3.33	3.1	3.01	2.96	3.09	3.47	3.44	3.29	3.38	3.11	1.72	1.4

Groups ID	
Group 1:	10 mcg CfaE + 0.01 mcg mL
Group 2:	10 mcg CfaE + 0.05 mcg mL
Group 3:	10 mcg CfaE + 0.1 mcg mL
Group 4:	10 mcg CfaE + 0.5 mcg mL
Group 5:	10 mcg CfaE + 2.5 mcg mL
Group 6:	10 mcg CfaE + 0.01 mcg dmLT
Group 7:	10 mcg CfaE + 0.05 mcg dmLT
Group 8:	10 mcg CfaE + 0.1 mcg dmLT
Group 9:	10 mcg CfaE + 0.5 mcg dmLT
Group 10:	10 mcg CfaE + 2.5 mcg dmLT
Group 11:	10 mcg CfaE
Group 12:	Saline

Fig. 4E

Animal #	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12
1	1.97	2.62	2.68	2.78	2.64	2.56	3.06	2.63	3.69	2.83	0.88	0.88
2	2.49	2.4	2.12	2.21	2.7	3.34	2.66	3.08	3.28	1.95	0.88	0.88
3	2.52	2.35	2.25	1.62	2.9	2.87	3.06	2.92	2.93	3.43	0.88	0.88
4	2.09	2.48	2.58	2.32	2.36	3.3	3.26	3.32	2.04	3.54	0.88	0.88
5	2.81	2.59	2.77	2.83	2.41	2.4	3.21	2.92	2.56	1.9	0.88	0.88

Groups ID	
Group 1:	10 mcg CfaE + 0.01 mcg mLT
Group 2:	10 mcg CfaE + 0.05 mcg mLT
Group 3:	10 mcg CfaE + 0.1 mcg mLT
Group 4:	10 mcg CfaE + 0.5 mcg mLT
Group 5:	10 mcg CfaE + 2.5 mcg mLT
Group 6:	10 mcg CfaE + 0.01 mcg dmLT
Group 7:	10 mcg CfaE + 0.05 mcg dmLT
Group 8:	10 mcg CfaE + 0.1 mcg dmLT
Group 9:	10 mcg CfaE + 0.5 mcg dmLT
Group 10:	10 mcg CfaE + 2.5 mcg dmLT
Group 11:	10 mcg CfaE
Group 12:	Saline

Fig. 5A

Animal #	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12
1	4.986	5.056	4.87	4.879	5.492	5.106	5.581	5.306	5.884	4.762	1.98	1.4
2	5.046	5.605	5.216	5.076	4.74	5.187	5.095	5.925	4.906	4.661	1.4	1.4
3	5.091	5.047	5.215	5.081	5.128	5.137	5.362	6.005	5.115	5.084	4.394	1.4
4	5.072	5.295	5.237	5.308	5.199	5.405	5.152	5.715	5.635	4.721	2.367	1.4
5	5.48	5.02	4.974	5.529	5.158	5.381	5.136	5.875	5.052	5.835	1.961	1.4

Groups ID	
Group 1:	10 mcg CfaE + 0.01 mcg mLT
Group 2:	10 mcg CfaE + 0.05 mcg mLT
Group 3:	10 mcg CfaE + 0.1 mcg mLT
Group 4:	10 mcg CfaE + 0.5 mcg mLT
Group 5:	10 mcg CfaE + 2.5 mcg mLT
Group 6:	10 mcg CfaE + 0.01 mcg dmLT
Group 7:	10 mcg CfaE + 0.05 mcg dmLT
Group 8:	10 mcg CfaE + 0.1 mcg dmLT
Group 9:	10 mcg CfaE + 0.5 mcg dmLT
Group 10:	10 mcg CfaE + 2.5 mcg dmLT
Group 11:	10 mcg CfaE
Group 12:	Saline

Fig. 5B

Animal #	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12
1	8192	4096	2048	3072	4096	2048	4096	4096	4096	3072	8	8
2	8192	8192	2048	3072	2048	3072	3072	4096	4096	1024	32	
3	6144	8192	4096	4096	4096	3072	4096	6144	6144	1024	24	
4	8192	8192	2048	8192	4096	6144	4096	4096	6144	1024	16	
5	8192	6144	3072	8192	4096	4096	3072	2048	6144	2048	32	

Groups ID	
Group 1:	10 mcg CfaE + 0.01 mcg mLT
Group 2:	10 mcg CfaE + 0.05 mcg mLT
Group 3:	10 mcg CfaE + 0.1 mcg mLT
Group 4:	10 mcg CfaE + 0.5 mcg mLT
Group 5:	10 mcg CfaE + 2.5 mcg mLT
Group 6:	10 mcg CfaE + 0.01 mcg dmLT
Group 7:	10 mcg CfaE + 0.05 mcg dmLT
Group 8:	10 mcg CfaE + 0.1 mcg dmLT
Group 9:	10 mcg CfaE + 0.5 mcg dmLT
Group 10:	10 mcg CfaE + 2.5 mcg dmLT
Group 11:	10 mcg CfaE
Group 12:	Saline

Fig. 6A

Study day/Animal #	Group 1					Group 2					Group 3					Group 4					Group 5					Group 6					Group 7					Group 8					Group 9					Group 10					Group 11					Group 12				
	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5	Pool/#1	#2	#3	#4	#5										
0	1.4					1.4					1.4					1.4					1.4					1.4					1.4					1.4					1.4					1.4														
14	4.27					4.1					3.54					4.09					4.65					3.73					3.79					4.27					3.52					1.4														
28	4.89					5.41					4.85					4.41					5.43					5.3					5.3					4.73					4.73					1.4														
42	4.9	5.51	4.94	4.88	4.87	5.42	4.99	4.78	5.63	4.41	5.48	5.53	4.88	4.44	4.97	4.93	4.36	5	4.7	4.67	4.55	5.44	4.95	4.33	4.92	5.53	5.6	5.8	5.82	6.06	5.33	4.86	5.64	5.5	5.35	5.74	4.7	5.74	5.61	5.63	5.73	5.27	5.34	5.6	4.79	4.63	4.54	4.91	4.93	4.74	1.4	1.4	1.4	1.4	1.4					

Groups ID
 Group 1: 10 mcg CfaE + 0.01 mcg mL T
 Group 2: 10 mcg CfaE + 0.05 mcg mL T
 Group 3: 10 mcg CfaE + 0.1 mcg mL T
 Group 4: 10 mcg CfaE + 0.5 mcg mL T
 Group 5: 10 mcg CfaE + 2.5 mcg mL T
 Group 6: 10 mcg CfaE + 0.01 mcg dmL T
 Group 7: 10 mcg CfaE + 0.05 mcg dmL T
 Group 8: 10 mcg CfaE + 0.1 mcg dmL T
 Group 9: 10 mcg CfaE + 0.5 mcg dmL T
 Group 10: 10 mcg CfaE + 2.5 mcg dmL T
 Group 11: 10 mcg CfaE
 Group 12: Saline

Fig. 6B

Animal #	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12
1	4.9	5.42	5.48	4.93	4.55	5.53	5.33	5.74	5.73	4.63	1.4	1.4
2	5.51	4.99	5.53	4.36	5.44	5.6	4.86	4.7	5.27	4.54	1.4	1.4
3	4.94	4.78	4.88	5	4.95	5.8	5.64	5.74	5.34	4.91	1.4	1.4
4	4.88	5.63	4.44	4.7	4.33	5.82	5.5	5.61	5.6	4.93	1.4	1.4
5	4.87	4.41	4.97	4.67	4.92	6.06	5.35	5.63	4.79	4.74	1.4	1.4

Groups ID	
Group 1:	10 mcg CfaE + 0.01 mcg mL
Group 2:	10 mcg CfaE + 0.05 mcg mL
Group 3:	10 mcg CfaE + 0.1 mcg mL
Group 4:	10 mcg CfaE + 0.5 mcg mL
Group 5:	10 mcg CfaE + 2.5 mcg mL
Group 6:	10 mcg CfaE + 0.01 mcg dmLT
Group 7:	10 mcg CfaE + 0.05 mcg dmLT
Group 8:	10 mcg CfaE + 0.1 mcg dmLT
Group 9:	10 mcg CfaE + 0.5 mcg dmLT
Group 10:	10 mcg CfaE + 2.5 mcg dmLT
Group 11:	10 mcg CfaE
Group 12:	Saline

Fig. 6C

		IgG1										
Duplicates	2500 mL	500 mL	100 mL	50 mL	10 mL	2500 dmLT	500 dmLT	100 dmLT	50 dmLT	10 dmLT	CfaEB	Saline
Assay 1	5.646	5.576	5.563	5.497	5.42	5.82	5.574	5.678	5.6	5.468	2.95	2.567
Assay 2	5.536	5.497	5.52	5.448	5.38	5.726	5.492	5.549	5.526	5.395	2.964	2.77

		IgG2a										
Duplicates	2500 mL	500 mL	100 mL	50 mL	10 mL	2500 dmLT	500 dmLT	100 dmLT	50 dmLT	10 dmLT	CfaEB	Saline
Assay 1	4.722	4.643	3.78	3.714	3.68	4.842	4.479	4.649	4.706	3.61	1.4	1.4
Assay 2	4.771	4.609	3.788	3.709	3.67	4.926	4.459	4.646	4.672	3.676	1.4	1.4

Fig. 7A

IFN-gamma

Duplicates	CfaE-specific											LTB-specific												
	2500 mL CfaE	2500 dmLT CfaE	500 mL CfaE	500 dmLT CfaE	100 mL CfaE	100 dmLT CfaE	50 mL CfaE	50 dmLT CfaE	10 mL CfaE	10 dmLT CfaE	dscCfaEB CfaE	Saline CfaE	2500 mL LTB	2500 dmLT LTB	500 mL LTB	500 dmLT LTB	100 mL LTB	100 dmLT LTB	50 mL LTB	50 dmLT LTB	10 mL LTB	10 dmLT LTB	dscCfaEB LTB	Saline LTB
Assay 1	89.66	44.01	164.02	11.31	187.79	1.94	128.95	1.87	14.51	8.65	0.24	0.15	0.45	23.48	0.27	1.79	0.57	1.23	0.67	2.64	0	1.81	0	0
Assay 2	108.94	45.93	193.81	11.54	196.34	2.11	171.16	2.1	22.82	6.35	0.41	0.05	0.61	32.83	0.62	1.68	0.91	1.55	0.3	1.62	0.21	2.44	0.05	0.18

Fig. 7B
IL-4

Duplicates	CfaE-specific											LTB-specific												
	2500 mL CfaE	2500 dmLT CfaE	500 mL CfaE	500 dmLT CfaE	100 mL CfaE	100 dmLT CfaE	50 mL CfaE	50 dmLT CfaE	10 mL CfaE	10 dmLT CfaE	dscCfaEB CfaE	Saline CfaE	2500 mL LTB	2500 dmLT LTB	500 mL LTB	500 dmLT LTB	100 mL LTB	100 dmLT LTB	50 mL LTB	50 dmLT LTB	10 mL LTB	10 dmLT LTB	dscCfaEB LTB	Saline LTB
Assay 1	145.03	279.72	305.06	80.04	121.89	131.63	223.79	145.03	133.78	109.15	2.11	0.1	10.93	31.51	14.03	18.7	9.8	8.91	5.26	10.88	8.1	5.87	0.32	0.1
Assay 2	147.95	305.29	355.65	84.11	124.57	140.83	219.36	160.75	137.38	118.14	2.39	0.08	11.32	35.97	15.38	21.24	10.27	8.96	6.29	13.83	10.19	7.01	0.36	0.11

Fig. 7C
IL-5

	CfaE-specific											Saline CfaE
Duplicates	2500 mL T CfaE	2500 dmLT CfaE	500 mL T CfaE	500 dmLT CfaE	100 mL T CfaE	100 dmLT CfaE	50 mL T CfaE	50 dmLT CfaE	10 mL T CfaE	10 dmLT CfaE	dscCfaE B CfaE	Saline CfaE
Assay 1	915.42	1132.31	1978.78	709.46	1265.85	1056.77	2574.91	868.94	2644.47	1379.95	37.82	0
Assay 2	985.49	1386.54	2274.14	711.54	1300.31	1057.18	2653.17	1063.84	2724.97	1621.22	45.82	0

	LTB-specific											dscCfaE B LTB	Saline LTB
Duplicates	2500 mL T LTB	2500 dmLT LTB	500 mL T LTB	500 dmLT LTB	100 mL T LTB	100 dmLT LTB	50 mL T LTB	50 dmLT LTB	10 mL T LTB	10 dmLT LTB	dscCfaE B LTB	Saline LTB	
Assay 1	21.11	92.86	185.61	74.21	240.12	65.82	82.72	66.62	155.33	32.42	0	0	
Assay 2	24.04	120.23	235.96	88.38	250.77	63.8	91.84	82.86	167.19	36.85	0	0	

Fig. 7D
IL-10

Duplicates	CfaE-specific											LTB-specific												
	2500 mL CfaE	2500 dmLT CfaE	500 mL CfaE	500 dmLT CfaE	100 mL CfaE	100 dmLT CfaE	50 mL CfaE	50 dmLT CfaE	10 mL CfaE	10 dmLT CfaE	dscCfaEB CfaE	Saline CfaE	2500 mL LTB	2500 dmLT LTB	500 mL LTB	500 dmLT LTB	100 mL LTB	100 dmLT LTB	50 mL LTB	50 dmLT LTB	10 mL LTB	10 dmLT LTB	dscCfaEB LTB	Saline LTB
Assay 1	202.71	312.14	415.47	156.89	249.65	177.05	296.99	114.27	305.9	159.63	0.22	0	7.27	26.66	15.19	12.03	9.45	8.44	6.61	9.54	6.86	2.18	0	0
Assay 2	211.05	392.6	444.19	166.11	255.4	198	294.06	134.83	326.91	190.73	0	0	8.1	38.68	16.26	9.79	10.48	7.6	8.1	11.51	9.45	2.63	0	0

Fig. 7E
IL-17

Duplicates	CfaE-specific											LTB-specific												
	2500 mL T CfaE	2500 dmL T CfaE	500 mL T CfaE	500 dmL T CfaE	100 mL T CfaE	100 dmL T CfaE	50 mL T CfaE	50 dmL T CfaE	10 mL T CfaE	10 dmL T CfaE	dscCfaEB CfaE	Saline CfaE	2500 mL T LTB	2500 dmL T LTB	500 mL LTB	500 dmL T LTB	100 mL T LTB	100 dmL T LTB	50 mL T LTB	50 dmL T LTB	10 mL T LTB	10 dmL T LTB	dscCfaEB LTB	Saline LTB
Assay 1	28.16	23.64	23.38	0	13.51	0	9.69	0	0	0	0	0	0	0	0	0	17.71	82.92	45.61	0	151.13	143.93	0	0
Assay 2	27.07	32.08	34.34	0	14.2	0	10.28	0	0	0	0	0	0	0	0	0	16.16	84.05	54.4	0	217.8	189.84	0	0

Suppl Fig. 2A-F

Erythema site 1: Suppl. 2A								Erythema site 2: Suppl. 2B								Erythema site 3: Suppl. 2C								Edema site 1: Suppl. 2D								Edema site 2: Suppl. 2E								Edema site 3: Suppl. 2F																											
10ug dscCfaEB + 10ng dmLT/mL								10ug dscCfaEB + 50ng dmLT/mL								10ug dscCfaEB + 100ngdmLT/mL								10ug dscCfaEB + 500ng dmLT/mL								10ug dscCfaEB + 2500ng dmLT/mL								10ug dscCfaEB								Saline																			
Adj./Animal #	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7	#1	#2	#3	#4	#5	#6	#7																		
dmLT	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	2	3	3	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
mLT	0	1	0	1	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
dmLT	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
mLT	0	0	0	1	1	1	0	0	1	1	0	0	1	1	1	2	1	1	1	1	1	1	2	1	1	2	1	1	2	2	2	2	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
dmLT	1	2	1	1	2	1	1	1	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
mLT	2	1	2	1	2	2	1	1	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
dmLT	1	1	1	0	0	2	0	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	1	2	3	3	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
mLT	1	1	1	2	1	2	1	2	1	2	2	2	2	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
dmLT	1	2	1	1	2	1	1	1	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
mLT	2	1	2	1	2	2	1	1	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
dmLT	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
mLT	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Suppl Fig. 3A-C

Skin pathology scores SD16: Suppl. 3A

Adjuvant/Dose & site	2500 S1	2500 S2	2500 S3	500 S1	500 S2	500 S3	100 S1	100 S2	100 S3	50 S1	50 S2	50 S3	10 S1	10 S2	10 S3	2500 S1	2500 S2	2500 S3	500S1	500S2	500S3	100S1	100S2	100S3	50 S1	50 S2	50 S3	10 S1	10 S2	10 S3
mLT	2	4	0	3	4	0	2	3	0	2	4	0	1	4	0	1	3	0	3	4	0	3	4	0	1	3	0	1	2	0
dmLT	2	4	0	3	4	0	3	4	0	3	4	0	1	3	0	3	4	0	3	4	0	1	4	0	2	3	0	0	2	0

Skin pathology scores SD42: Suppl. 3B

Adjuvant/Dose & site	2500 S1	2500 S2	2500 S3	500 S1	500 S2	500 S3	100 S1	100 S2	100 S3	50 S1	50 S2	50 S3	10 S1	10 S2	10 S3	2500 S1	2500 S2	2500 S3	500S1	500S2	500S3	100S1	100S2	100S3	50 S1	50 S2	50 S3	10 S1	10 S2	10 S3
mLT	0	0	0	0	0	4	0	0	2	0	0	2	0	0	0	0	0	2	0	0	2	1	0	2	0	0	0	0	0	2
dmLT	0	1	2	0	0	3	0	0	2	1	0	0	0	0	2	0	0	1	0	0	2	0	0	1	0	0	2	0	0	3

Edema SD16: Suppl. 3C

Adjuvant/Dose & site	2500 S1	2500 S2	2500 S3	500 S1	500 S2	500 S3	100 S1	100 S2	100 S3	50 S1	50 S2	50 S3	10 S1	10 S2	10 S3	2500 S1	2500 S2	2500 S3	500S1	500S2	500S3	100S1	100S2	100S3	50 S1	50 S2	50 S3	10 S1	10 S2	10 S3
mLT	1	4	0	1	3	0	1	1	0	1	4	0	1	3	0	1	2	0	2	4	0	2	4	0	1	3	0	1	1	0
dmLT	1	4	0	1	5	0	2	4	0	1	4	0	1	3	0	2	4	0	2	4	0	1	4	0	1	3	0	0	1	0