



Corrigendum

Corrigendum to “Identification of an abnormal beryllium lymphocyte proliferation test”
[Toxicology 183 (2003) 39–56]☆

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The authors regret that errors occurred in the original article. Please find corrections below.

Page 42, Section 2.2, “Step 5”

SLsi = Ln(SI)/SE[log(SI)] should be Slsi = Ln(SI)/SE[Ln(SI)].

Throughout the paper all “logs” are base e, i.e. the “natural logarithm” as per usually defined in mathematics.

Page 50, “in Serum 3040083 is 48/56 or 85.7% 1- and the specificity (false positive rate) is 992/1024 or 96.9%” should be “in Serum 3040083 is 48/56 or 85.7% and the specificity (1- false positive rate) is 992/1024 or 96.98%”.

Page 54, “see Exhibit A4” should be “see Exhibit A4 in Fig. 9”.

Fig. 9 is printed on the next page.

☆ PII of original article: S0300-483X(02)00439-0

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Exhibit A4. LAV Report for BeLPT Assay 271

I. BeLPT analysis using LAV for ID= 0271

Treatment Grp	Well Counts				FIT*	CV-MAD	Residuals			
day5 controls	1220	2391	1774	947	1453.8	34.9	-18	50	20	-43
day5 controls	1499	1568	1410	1131	1453.8	34.9	3	8	-3	-25
day5 controls	969	2265	1743	728	1453.8	34.9	-41	44	18	-69
day5 be1	1777	1890	1702	1885	1830.2	5.3	-3	3	-7	3
day5 be10	3368	7221	1473	3097	3229.7	70.8	4	80	-79	-4
day5 be100	3631	3655	2452	1634	2983.8	34.2	20	20	-20	-60
day7 controls	3616	17410	3989	3144	3018.0	84.5	18	175	28	4
day7 controls	669	1257	1497	4460	3018.0	84.5	-151	-88	-70	39
day7 controls	2897	4174	1366	1152	3018.0	84.5	-4	32	-79	-96
day7 be1	1670	2186	629	1264	1452.9	46.9	14	41	-84	-14
day7 be10	330	598	254	264	295.2	22.4	11	71	-15	-11
day7 be100	3611	4436	14452	14892	8006.8	103.7	-80	-59	59	62
PHA	102156	44221	59346	51090	55063.5	25.2	62	-22	7	-7
CONA	115673	104146	252237	159421	135796.6	36.4	-16	-27	62	16

*FIT. Fitted Value--exp[median(Ln z)] for each treatment group. Coefficient of variation-MAD (CV-MAD) and residuals are in L% units.

II. Stimulation indices (SI)

	Day 5			Day 7			Positive Controls	
	D5be1	D5be10	D5be100	D7be1	D7be10	D7be100	PHA	CONA
SI	1.26	2.22	2.05	0.48	0.10	2.65	37.88	93.41
LnSI	0.23	0.80	0.72	-0.73	-2.32	0.98	3.63	4.54
SLsi	1.00	3.48	3.13	-1.25	-3.98	1.67	15.83	19.76

NOTE SLsi= LnSI/SE[LnSI] is Standardized LnSI.

Large POSITIVE values (GT 2.5) indicate POSITIVE response.

Large NEGATIVE values (LT -2.5) indicate cell killing.

III. Summary statistics phitilde (Coefficient of Variation)*

Overall:	0.385				
Day 5 Control:	0.349	Day 5 Treated:	0.230	Day 5 Pooled:	0.319
Day 7 Control:	0.845	Day 7 Treated:	0.855	Day 7 Pooled:	0.811

*Phitilde is median absolute deviation estimate of the standard deviation on Ln scale (corresponds to Coefficient of Variation on original scale).

Fig. 9. Exhibit A4 shows a computer printout with the results of all the calculations and additional statistics that are combined into a laboratory report for each assay.