

Table 7. Influence of mouse strain, LCMV isolate and dose on hemorrhagic anemia

Treatment	Mouse strain	<i>n</i>	Days p.i.	Percent survival	Skin hemorrhage	FOB	Hct (percent)	OAS BM
NaCl	B10D2	6	6	100	-	neg	47.2 ± 3.5	1
α-Irr + LCMV WE (10 ⁶ PFU)	B10D2	6	6	100	-	pos	34.5 ± 4.9	13.8 ± 2.8
α-PLT + LCMV WE (10 ⁶ PFU)	B10D2	6	6	50	++++	pos	11.1 ± 3.3	13.5 ± 2.5
α-PLT + LCMV WE (10 ⁶ PFU)	C57BL/6J	6	6	50	++++	pos	9.7 ± 2.0	14.3 ± 3.0
NaCl	B10D2	6	1	100	-	nd	46.3 ± 4.3	nd
			3	100	-	nd	48.2 ± 5.6	nd
			6	100	-	nd	49.1 ± 4.1	nd
α-Irr + LCMV Arm (10 ² PFU)	B10D2	6	1	100	-	nd	49.5 ± 5.0	nd
			3	100	-	nd	44.6 ± 5.4	6.21 ± 1.4
			6	100	-	nd	43.4 ± 4.6	nd
α-PLT + LCMV Arm (10 ² PFU)	B10D2	6	1	100	+	nd	35.4 ± 4.2	nd
			3	100	++	nd	27.6 ± 5.2	5.70 ± 1.6
			6	100	++	nd	23.3 ± 5.0	nd
NaCl	CD8 ^{-/-}	6	6	100	-	neg	46.0 ± 1.7	nd
α-Irr + LCMV	CD8 ^{-/-}	10	6	100	-	pos	35.3 ± 4.2	nd
α-PLT + LCMV	CD8 ^{-/-}	10	6	60	++++	pos	11.5 ± 3.8	nd

All measurements were performed at the indicated time post injection (p.i.) of NaCl, LCMV WE, LCMV Arm. Skin hemorrhage was evaluated by visual assessment and expressed on a scale from – (absent) to ++++ (highly abundant). FOB was assessed in fecal pellet pools and results are expressed as either positive (pos) or negative (neg). Hct (mean ± SD) was assessed individually. Total BM or spleen RNA was analyzed for the expression of 2'-5' oligoadenylate synthetase (OAS); the numbers (mean of 6 mice per group) indicate fold induction over NaCl-injected mice 2 days after infection. nd: not done.