

Wirth1: Submitter-supplied documentation

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Title: "Peripheral blood cell parameters in eleven inbred strains of laboratory mice"

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"Selected peripheral blood cell parameters in twelve inbred strains of laboratory mice"

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Inbred strains: see table below

Husbandry: Mice were bred under SPF condition in the Department of Genetics and Laboratory Animal Breeding, The Maria Sklodowska-Curie Memorial Cancer Center and Institute of Oncology Warsaw, Poland. The mice were serologically screened for known rodent viruses, bacteria and parasites according to recommendations of the Federation of European Laboratory Animal Science Associations (FELASA) with negative results. The mice were fed LabDiet Labofeed H until 14 wks of age before testing begun. Mouse room conditions were maintained at 12/12 h light/dark cycle, at 22 ± 1 °C temperature, and about 50 % humidity. The standard diet, Labofeed H, contained 22% protein and 4.4% fat with total energy 13.4 MJ/kg, manufactured by Morawski, Poland.

Dates of testing: 12 -23 01 2009

Sample collection: Blood (150-200 µL) was collected into an Eppendorf tube containing K₂-EDTA (Microvette Sarstedt, germany) via retro-orbital bleed. This procedure minimizes clot formation. Values reported are those obtained directly from the Sysmex K 4500; *no correction for the small dilution was made.*

Equipment: **Sysmex K 4500** (Sysmex Corporation, Kobe, Japan), automatic chemistry analyzer Dimension Max (DADE BEHRING).

Reagents and expendables: all from System Diagnostic Division.

Loading and running: Samples were run according to manufacturer's suggested protocol.

Breeding history of mice used in the study.

LP	Inbred strains name	Source	Date	Generation	Generation (SPF)
1	A,CA/W	Karolinska Institutet, Sztokholm	1971	F64 +	41
2	AKR/W	The Netherlands Cancer Institute, Amsterdam	1984	F65+	48
3	BALB/cW	National Institute of Hygiene, Warsaw	1986	F44 +	35
4	BN/aW	Self strain	1961	F138+	21
5	C3H/W	Cancer Institute, Budapest	1955	F133 +	40
6	C57BL/10W	The Netherlands Cancer Institute, Amsterdam	1988	F33+	37
7	C57BL/6W	Jackson Laboratory	1998		F26
8	CBA/W	Radiobiol.Unit., Harwell to Warsaw University (prof. Tarkowski) 1964	1975	F62+	22
9	CBAT6T6/W	Warsaw University (prof. Tarkowski)	1997	F24+	1
10	DBA/2W	Jackson Laboratory	1998		F34
11	129S1/SvW	Jackson Laboratory	1971	F66+	36