

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

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Abstract :

In 230 mice from 12 inbred strains (A.CA/W, AKR/W, BALB/cW, BN/aW, CBA/W, CBA-T6/W, C3H/W, C57BL/6W, C57BL/10W, DBA2/W, 129S1/SvW, HLB219/J) the following parameters were measured: the total number of white (WBC) and red (RBC) blood cells, haemoglobin concentration (HGB), haematocrit (HCT), mean corpuscular volume (MCV), mean corpuscular haemoglobin (MCH), mean corpuscular haemoglobin concentration (MCHC) and platelets (PLT) number. Highly significant interstrain differences were shown within RBC, HGB, HCT, MCV and PLT.

Key Word :

blood cells / inbred strains / mice

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