

Reference Ranges

Parameter	Dog	Cat	Mouse	Rat	Rabbit	Ferret	Horse	Cow	Measuring Range
WBC $10^3/\mu\text{L}$	4.00–16.53	3.66–16.31	0.80–10.60	1.90–16.80	3.00–13.50	2.50–15.80	5.00–12.00	4.60–15.80	0–500
Neu $10^3/\mu\text{L}$	2.88–11.72	1.84–11.01	0.23–3.60	0.35–6.30	0.50–6.60	0.60–10.80	2.18–6.96	0.6–4.9	0–500
Lym $10^3/\mu\text{L}$	0.83–4.91	0.95–6.83	0.60–8.90	0.91–12.20	1.00–6.80	0.58–10.60	1.32–5.86	2.5–11.8	0–500
Mon $10^3/\mu\text{L}$	0.14–1.02	0.04–0.57	0.04–1.40	0.08–2.30	0.08–1.51	0.00–1.12	0.05–0.92	0.00–1.02	0–500
Eos $10^3/\mu\text{L}$	0.04–1.62	0.14–1.86	0.00–0.51	0.00–1.01	0.00–0.51	0.00–0.88	0.01–1.00	0.00–1.30	0–500
Bas $10^3/\mu\text{L}$	0.00–0.12	0.00–0.12	0.00–0.12	0.00–0.20	0.00–0.76	0.00–0.20	0.00–0.12	0.00–0.35	0–500
RBC $10^6/\mu\text{L}$	5.82–8.90	6.71–11.97	6.50–11.50	5.00–9.8	3.40–6.50	6.60–12.18	5.3–10.50	5.0–10.1	0–30.0
HGB g/dL	13.2–22.0	10.5–16.9	11.0–16.5	11.0–17.0	8.0–14.0	12.5–18.2	10.0–17.0	8.0–14.2	0–35.0
HCT %	36.9–60.0	30.3–49.7	35.0–55.0	32.0–53.0	25.0–42.0	37.5–59.0	30.0–49.0	23.0–42.5	0.0–80.0
MCV fL	60.0–76.0	34.6–52.0	41.0–55.0	50.0–67.0	60.0–80.0	43.6–61.2	37.0–59.0	37.0–55.0	0.0–350.0
MCH pg	21.0–28.2	11.8–18.0	13.0–18.0	16.0–23.0	19.0–25.0	14.5–20.5	13.5–19.5	12.5–18.2	0.0–999.9
MCHC g/dL	33.4–39.2	32.0–37.9	30.0–36.0	31.0–37.0	30.0–36.0	29.0–37.0	30.0–38.0	31.0–37.0	0.0–999.9
RDW-CV %	12.2–16.4	15.7–20.6	12.0–19.0	11.0–16.0	10.5–22.0	13.1–20.3	19.5–25.0	17.5–26.5	0.0–99.9
PLT $10^3/\mu\text{L}$	126–660	100–518	400–1600	250–1500	100–1250	238–910	90–360	100–720	0–4,000
MPV fL	8.0–14.1	9.9–16.3	4.0–6.2	4.8–7.5	4.0–7.8	5.8–11.6	5.5–8.0	4.8–7.6	0.0–99.9

Parameter	Goat	Sheep	Llama	Camel	Pig	Monkey	Panda Red	Panda Giant	Measuring Range
WBC 10 ³ /μL	5.80–25.00	5.10–15.80	9.10–29.20	7.8 x 18.92	10.20–30.00	8.00–27.00	5.10–15.00	5.80–15.00	0–500
Neu 10 ³ /μL	2.12–10.10	1.32–8.96	3.80–23.60	4.60–15.10	2.80–16.10	2.00–12.10	2.50–8.20	3.00–13.10	0–500
Lym 10 ³ /μL	3.12–22.10	2.01–7.80	1.52–7.60	1.10–5.80	4.80–16.20	3.80–14.20	1.00–8.00	0.90–3.80	0–500
Mon 10 ³ /μL	0.00–1.42	0.00–1.52	0.00–1.80	0.00–1.25	0.20–2.25	0.19–2.60	0.20–1.40	0.32–1.60	0–500
Eos 10 ³ /μL	0.00–1.32	0.00–1.08	0.00–3.80	0.00–1.66	0.00–1.80	0.00–1.14	0.00–0.82	0.00–1.40	0–500
Bas 10 ³ /μL	0.00–0.35	0.00–0.17	0.00–0.23	0.00–1.66	0.00–0.46	0.00–0.29	0.00–0.10	0.00–0.10	0–500
RBC 10 ⁶ /μL	10.00–21.00	5.50–14.20	8.12–15.62	6.52–13.25	5.50–9.00	4.50–6.80	6.50–9.50	5.00–8.00	0–30.0
HGB g/dL	6.2–13.5	6.3–13.2	8.0–15.0	88–140	10.0–16.0	10.0–16.0	10.0–15.5	10.0–15.5	0–35.0
HCT %	19.0–36.0	20.0–39.0	20.0–36.0	19.5–33.2	33.0–52.0	33.0–48.0	30.0–45.0	30.0–45.0	0.0–80.0
MCV fL	13.0–23.0	25.0–41.0	20.0–29.0	18.1–31.2	51.0–73.0	68.0–82.0	41.0–52.0	50.0–62.0	0.0–350.0
MCH pg	4.2–7.8	8.0–12.3	8.5–13.2	8.1–14.8	14.0–22.0	19.0–27.0	13.5–17.0	18.0–23.0	0.0–999.9
MCHC g/dL	30.0–38.0	29.0–36.0	34.0–47.0	400–490	30.0–36.0	30.0–36.0	31.0–36.0	32.0–37.0	0.0–999.9
RDW-CV %	18.0–30.0	16.5–26.2	18.2–25.5	18.0–27.2	17.0–29.5	11.0–16.2	13.0–18.0	14.0–19.0	0.0–99.9
PLT 10 ³ /μL	–	100–800	200–700	260–630	200–1000	200–800	200–700	580–1350	0–4,000
MPV fL	–	3.5–6.0	2.3–4.2	2.1–4.3	7.2–13.1	7.2–12.0	6.5–10.0	3.8–6.5	0.0–99.9



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