

Eastern Pathology Alliance		Title : FBC Ref Ranges	Page 1 of 5
Dept/Site : Haematology, EPA		Doc Ref: EWH-D-004	Author: A. Macartney
Revision: 1	Issued: 13/10/2022	Authorised by: G. Marley	Review interval: 2 years

0-3 Days		low ref	high ref	
FBC	WBC x10 ⁹ /L	10	26	
	RBC x10 ¹² /L	5	7	
	HGB g/L	140	220	
	HCT L/L	0.45	0.75	
	MCV fL	100	120	
	MCH pg	31	37	
	MCHC g/L	300	360	
	PLT x10 ⁹ /L	100	450	
	Neut# x10 ⁹ /L	4	14	
	Lymph# x10 ⁹ /L	3	8	
	Mono# x10 ⁹ /L	0.5	2	
	Eosin# x10 ⁹ /L	0.1	1	
	Baso# x10 ⁹ /L	0	0.1	
	NRBC# x10 ⁹ /L	0	0.1	
Ret# x10 ⁹ /L	120	400		
4-6 Days		low ref	high ref	
FBC	WBC x10 ⁹ /L	7	23	
	RBC x10 ¹² /L	4	6.6	
	HGB g/L	150	210	
	HCT L/L	0.45	0.67	
	MCV fL	92	118	
	MCH pg	31	37	
	MCHC g/L	290	370	
	PLT x10 ⁹ /L	210	500	
	Neut# x10 ⁹ /L	1.5	6.9	
	Lymph# x10 ⁹ /L	2	8	
	Mono# x10 ⁹ /L	0.5	1	
	Eosin# x10 ⁹ /L	0.1	2	
	Baso# x10 ⁹ /L	0	0.1	
	NRBC# x10 ⁹ /L	0	0.1	
Ret# x10 ⁹ /L	50	350		
7-13 Days		low ref	high ref	
FBC2	WBC x10 ⁹ /L	6	22	
	RBC x10 ¹² /L	3.9	6.3	
	HGB g/L	135	215	
	HCT L/L	0.42	0.66	

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	MCV fL		88	126	
	MCH pg		31	37	
	MCHC g/L		280	380	
	PLT x10 ⁹ /L		160	500	
	Neut# x10 ⁹ /L		1.5	6.9	
	Lymph# x10 ⁹ /L		3	9	
	Mono# x10 ⁹ /L		0.1	1.7	
	Eosin# x10 ⁹ /L		0.1	0.8	
	Baso# x10 ⁹ /L		0	0.1	
	NRBC# x10 ⁹ /L		0	0.1	
	Ret# x10 ⁹ /L		50	100	
14-30 Days			low ref	high ref	
FBC2	WBC x10 ⁹ /L		6	22	
	RBC x10 ¹² /L		3.6	6.2	
	HGB g/L		125	205	
	HCT L/L		0.39	0.63	
	MCV fL		86	124	
	MCH pg		31	37	
	MCHC g/L		280	380	
	PLT x10 ⁹ /L		170	500	
	Neut# x10 ⁹ /L		1.5	6.9	
	Lymph# x10 ⁹ /L		3	9	
	Mono# x10 ⁹ /L		0.1	1.7	
	Eosin# x10 ⁹ /L		0.1	0.9	
	Baso# x10 ⁹ /L		0	0.1	
	NRBC# x10 ⁹ /L		0	0.1	
	Ret# x10 ⁹ /L		50	100	
31-60 Days			low ref	high ref	
FBC2	WBC x10 ⁹ /L		5	15	
	RBC x10 ¹² /L		3	5.4	
	HGB g/L		115	165	
	HCT L/L		0.33	0.53	
	MCV fL		92	116	
	MCH pg		30	36	
	MCHC g/L		290	360	
	PLT x10 ⁹ /L		200	500	
	Neut# x10 ⁹ /L		1.5	6.9	
	Lymph# x10 ⁹ /L		3	16	
	Mono# x10 ⁹ /L		0.3	1	
	Eosin# x10 ⁹ /L		0.2	1	

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	Baso# x10 ⁹ /L	0	0.1	
	NRBC# x10 ⁹ /L	0	0	
	Ret# x10 ⁹ /L	20	60	
61-90 Days		low ref	high ref	
FBC2	WBC x10 ⁹ /L	5	19	
	RBC x10 ¹² /L	3.1	4.3	
	HGB g/L	94	130	
	HCT L/L	0.28	0.42	
	MCV fL	87	103	
	MCH pg	27	33	
	MCHC g/L	285	355	
	PLT x10 ⁹ /L	210	650	
	Neut# x10 ⁹ /L	1	5	
	Lymph# x10 ⁹ /L	4	10	
	Mono# x10 ⁹ /L	0.4	1.2	
	Eosin# x10 ⁹ /L	0.1	1	
	Baso# x10 ⁹ /L	0	0.1	
	NRBC# x10 ⁹ /L	0	0	
	Ret# x10 ⁹ /L	30	50	
91-365 Days		low ref	high ref	
FBC2	WBC x10 ⁹ /L	6	18	
	RBC x10 ¹² /L	4.1	5.3	
	HGB g/L	111	141	
	HCT L/L	0.3	0.4	
	MCV fL	68	84	
	MCH pg	24	30	
	MCHC g/L	300	360	
	PLT x10 ⁹ /L	200	550	
	Neut# x10 ⁹ /L	1	6	
	Lymph# x10 ⁹ /L	4	12	
	Mono# x10 ⁹ /L	0.2	1.2	
	Eosin# x10 ⁹ /L	0.1	1	
	Baso# x10 ⁹ /L	0	0.1	
	NRBC# x10 ⁹ /L	0	0	
	Ret# x10 ⁹ /L	40	100	
1-2 Years		low ref	high ref	
FBC2	WBC x10 ⁹ /L	6	16	
	RBC x10 ¹² /L	3.9	5.1	

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	HGB g/L	111	141	
	HCT L/L	0.3	0.38	
	MCV fL	72	84	
	MCH pg	25	29	
	MCHC g/L	320	360	
	PLT x10 ⁹ /L	200	550	
	Neut# x10 ⁹ /L	1	7	
	Lymph# x10 ⁹ /L	3.5	11	
	Mono# x10 ⁹ /L	0.2	1	
	Eosin# x10 ⁹ /L	0.1	1	
	Baso# x10 ⁹ /L	0	0.1	
	NRBC# x10 ⁹ /L	0	0	
	Ret# x10 ⁹ /L	30	100	
2-6 Years		low ref	high ref	
FBC2	WBC x10 ⁹ /L	5	15	
	RBC x10 ¹² /L	4	5.2	
	HGB g/L	110	140	
	HCT L/L	0.34	0.4	
	MCV fL	75	87	
	MCH pg	24	30	
	MCHC g/L	310	370	
	PLT x10 ⁹ /L	200	490	
	Neut# x10 ⁹ /L	1.5	8	
	Lymph# x10 ⁹ /L	1.8	8.5	
	Mono# x10 ⁹ /L	0.2	1	
	Eosin# x10 ⁹ /L	0.1	1	
	Baso# x10 ⁹ /L	0	0.1	
	NRBC# x10 ⁹ /L	0	0	
Ret# x10 ⁹ /L	30	100		
6-12 Years		low ref	high ref	
FBC2	WBC x10 ⁹ /L	5	13	
	RBC x10 ¹² /L	4	5.2	
	HGB g/L	115	155	
	HCT L/L	0.35	0.45	
	MCV fL	77	95	
	MCH pg	25	33	
	MCHC g/L	310	370	
	PLT x10 ⁹ /L	170	450	
Neut# x10 ⁹ /L	2	8		

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	Lymph# x10 ⁹ /L	1	5	
	Mono# x10 ⁹ /L	0.2	1	
	Eosin# x10 ⁹ /L	0.1	1	
	Baso# x10 ⁹ /L	0	0.1	
	NRBC# x10 ⁹ /L	0	0	
	Ret# x10 ⁹ /L	30	100	
Over 12 Years Male		low ref	high ref	
FBC2	WBC x10 ⁹ /L	4	10	
	RBC x10 ¹² /L	4.5	5.5	
	HGB g/L	130	170	
	HCT L/L	0.4	0.5	
	MCV fL	83	101	
	MCH pg	27	32	
	MCHC g/L	315	345	
	PLT x10 ⁹ /L	150	410	
	Neut# x10 ⁹ /L	2	7	
	Lymph# x10 ⁹ /L	1	3	
	Mono# x10 ⁹ /L	0.2	1	
	Eosin# x10 ⁹ /L	0.02	0.5	
	Baso# x10 ⁹ /L	0	0.1	
	NRBC# x10 ⁹ /L	0	0	
	Ret# x10 ⁹ /L	50	100	
Over 12 Years Female		low ref	high ref	
FBC2	WBC x10 ⁹ /L	4	10	
	RBC x10 ¹² /L	3.8	4.8	
	HGB g/L	120	150	
	HCT L/L	0.36	0.46	
	MCV fL	83	101	
	MCH pg	27	32	
	MCHC g/L	315	345	
	PLT x10 ⁹ /L	150	410	
	Neut# x10 ⁹ /L	2	7	
	Lymph# x10 ⁹ /L	1	3	
	Mono# x10 ⁹ /L	0.2	1	
	Eosin# x10 ⁹ /L	0.02	0.5	
	Baso# x10 ⁹ /L	0	0.1	
	NRBC# x10 ⁹ /L	0	0	
	Ret# x10 ⁹ /L	50	100	