



Lab Comparison Report

Prepared for

Patient JF

Prepared by

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Most Recent Collection Date

09/02/2026

Analysis Date

09/26/2026

Blood Oxygen & Red Blood Cell Function

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
RBC	m/mcL	4.87 ↑	4.81	4.71	4.95 ↑	4.62	👍	3.35	3.72	4.09	4.83	5.2	5.57
HGB	g/dL	14.2	14.2	13.7	14.8 ↑	13.7	👍	10.275	11.4	12.525	14.775	15.9	17.025
HCT	%	42.1	41.4	41	43.6	41.1		31.05	34.2	37.35	43.65	46.8	49.95
MCV	fL	86.45	86.07	87.05	88.08	88.96		64.7	71.6	78.5	92.3	99.2	106.1
MCH	pg	29.16	29.52	29.09	29.9	29.65		22.3	24.7	27.1	31.9	34.3	36.7
MCHC	g/dL	33.73	34.3	33.41	33.94	33.33		31.18	32.1	33.03	34.88	35.8	36.72
RDW	%	12.3	12.5	12.3	13.1 ↑	13.6 ↑	👎	10.35	11.4	0	13	15.6	16.65
RPI		0.85 ↓						0.25	0.5	1	2	3	5
G6PD, Qualitative					Normal								

Iron Status & Utilization

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Iron	mcg/dL	81	89	71 ↓	85	91		22.5	45	73.75	131.25	160	188.75
TIBC	mcg/dL	393 ↑	389 ↑	328				200	250	300	341	450	500
% Saturation	%	20.6 ↓	22.9 ↓	21.6 ↓				8.75	16	24	35	45	52.25
Ferritin	ng/mL	28 ↓	22 ↓	59				6	12	40	75	150	184.5
Transferrin	mg/dL		316					157.5	200	242.5	327.5	370	412.5
Ceruloplasmin	mg/dL	22		24.1				14	19	19.1	27	39	44
Copper, serum	µg/dL	98		99				46.75	69	70	110	158	180.25
Free Copper	%	32.65 ↑		26.97 ↑				0	2.5	5	20	30	40

Glucose Regulation & Metabolic Function

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Glucose	mg/dL	93 ↑	87	91 ↑	85	83		62.75	70	82	88	99	125
HbA1c	%	5.4	5.4		5	5.43 ↑	🚫	3.6	4	5	5.4	5.6	6.4
Insulin	μIU/mL			6 ↑	7 ↑			0.1	2.6	3	5	18.4	22.35
C-peptide	ng/mL	1.5	1.4					0.6	0.8	0.9	1.8	3.85	4.61
Amylase	U/L				70	75		11.3	31	40	86	110	129.8
TG/HDL Ratio	Ratio	0.55	0.56		0.99	0.72		0	0	0	2	2.5	3.5
Triglycerides (TG)	mg/dL	63	53		64.2	52		15	25	50	100	150	199
HDL Cholesterol	mg/dL	115 ↑	95 ↑		65	72		40	50	65	85	95	105
LDL Cholesterol	mg/dL	94	103		119.2	132 ↑	🚫	30	55	80	130	159	190
ALT (SGPT)	U/L	15	15	15	1284 ↑	298 ↑		3	6	12	19	29	35
NLR	Ratio	2	2.25 ↑	2.03 ↑	3.14 ↑	2.32 ↑	👍	0.5	1	1.5	2	2.5	3
hs-CRP	mg/L	1.07 ↑	1.16 ↑	2.59 ↑	1.2 ↑	0.49	👍	0	0	0	0.9	3	10
Lipase	U / L				30	32		1	13	25	48	60	72

Lipid Balance

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Cholesterol, Total	mg/dL	220	208		197	214.4		130	160	180	240	270	300
HDL Cholesterol	mg/dL	115 ↑	95 ↑		65	72		40	50	65	85	95	105
Triglycerides (TG)	mg/dL	63	53		64.2	52		15	25	50	100	150	199
LDL Cholesterol	mg/dL	94	103		119.2	132 ↑	🔴	30	55	80	130	159	190
Chol/HDL Ratio	Ratio	1.91	2.19		3.03 ↑	2.98	🟢	0	0	0	3	3.3	4.4
TG/HDL Ratio	Ratio	0.55	0.56		0.99	0.72		0	0	0	2	2.5	3.5
VLDL Cholesterol	mg/dL				12.8 ↓	10.4 ↓	🔴	0	5	13.8	31.3	40	48.8
Atherogenic Index	ratio				3	3		0	0	0	3.8	5	6.3

Thyroid Function

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
TSH	μIU/mL	2.3 ↑	2.32 ↑					0.1	0.4	1	2	4.5	5.525
T4, Total	mcg/dL	6.4 ↓						3.4	5.1	6.8	11.8	11.9	13.6
T4, Free	ng/dL	1.09 ↓	1.13 ↓					0.55	0.8	1.3	1.7	1.8	2.05
T3, Total	ng/dL	99 ↓						49.75	76	100	180	181	207.25
T3, Free	pg/mL	2.7 ↓	2.7 ↓					1.4	2	3.2	3.6	4.4	5
Reverse T3	ng/dL	18.7						3.75	8	9	24	25	29.25
TPO Ab	IU/mL	12 ↑						0	0	0	8.8	8.9	34
Tg Ab	IU/mL	0.9						0	0	0	0.9	2	2.5
T3 Uptake	%	28						20.25	24	27.75	35.25	39	42.75
FTI	Ratio	1.8						0.8	1.4	1.5	3.7	3.8	4.4

Vitamin & Mineral Status

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Calcium (Ca) corr	mg/dL	9.3	9 ↓	9.2 ↓	9.3	8.8 ↓	📉	8.2	8.6	9.3	9.8	10.3	10.7
Ceruloplasmin	mg/dL	22		24.1				14	19	19.1	27	39	44
Copper, serum	µg/dL	98		99				46.75	69	70	110	158	180.25
Cu/Zn Ratio	Ratio	1.2 ↑		1.41 ↑				0.5	0.7	0.8	1	1.5	1.7
Free Copper	%	32.65 ↑		26.97 ↑				0	2.5	5	20	30	40
Folate, serum	ng/mL	6 ↓						9	13	17	25	29	33
Magnesium, RBC	mg/dL	4.2 ↓	4.6 ↓					3.55	4.2	6	6.7	6.8	7.45
Magnesium, serum	mg/dL				1.8 ↓	2.1	👍	1.25	1.5	2	2.3	2.5	2.75
Phosphorus	mg/dL	3.2			3.9	4.2 ↑	📉	2.05	2.5	2.95	3.9	4.3	4.75
Vitamin B6	µg/L	16.9						3.4	5.2	12.4	65	65.2	80.2
Vitamin B12	pg/mL	830 ↑						149	300	400	800	1100	1245
Vitamin D (25-OH)	ng/mL	25.2 ↓			36.1 ↓	35.2 ↓	📉	12.5	30	50	80	100	150
Zinc, serum	µg/dL	82 ↓		70 ↓				42.5	60	95	129	130	147.5

Protein Status

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Protein, Total	g/dL	7	7	6.9	7.08	6.89 ↓	🔴	5.6	6.1	6.9	7.8	8.1	8.6
Albumin	g/dL	4.9	4.6	4.6	4.38 ↓	4.37 ↓	🔴	3.2	3.6	4.5	5	5.1	5.5
Globulin	g/dL	2.1 ↓	2.4	2.3 ↓	2.7	2.52		1.5	1.9	2.4	2.8	3.7	4.2
A/G Ratio	Ratio	2.33 ↑	1.92	2 ↑	1.62	1.73		0.95	1.2	1.45	1.95	2.2	2.45

Immune Activity

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
WBC	k/mcL	7.7 ↑	7.7 ↑	5.5	5.4	4.5 ↓	🔴	1.68	3.11	4.54	7.4	8.83	10.26
Neutrophils	%	60	63 ↑	61 ↑	69 ↑	65 ↑	🟢	26.9	35.3	43.7	60.5	68.9	77.3
Lymphocytes	%	30	28 ↓	30	22 ↓	28 ↓	🟢	13.48	21.3	29.13	44.78	52.6	60.43
Monocytes	%	6	7	6	8	7		1.81	3.53	5.25	8.68	10.4	12.12
Eosinophils	%	3	2	2	1	0 ↓	🔴	0	0.5	0.8	3	5	10
Basophils	%	1 ↑	0	1 ↑	0	0		0	0	0	0.95	1.27	1.59
Abs Neutro	k/mcL	4.62 ↑	4.851 ↑	3.355	3.726	2.925		0.02	1.06	2.1	4.18	5.22	6.26
Abs Lympho	k/mcL	2.31	2.156	1.65	1.188 ↓	1.26 ↓	🟢	0.32	0.94	1.56	2.8	3.42	4.04
Abs Mono	k/mcL	0.462	0.539 ↑	0.33	0.432	0.315		0.05	0.17	0.29	0.53	0.65	0.77
Abs Eosino	k/mcL	0.231 ↑	0.154	0.11	0.054	0 ↓	🔴	0	0.03	0.05	0.18	0.31	1.5
Abs Baso	k/mcL	0.077 ↑	0	0.055	0	0		0	0	0	0.056	0.075	0.094
NLR	Ratio	2	2.25 ↑	2.03 ↑	3.14 ↑	2.32 ↑	🟢	0.5	1	1.5	2	2.5	3
Globulin	g/dL	2.1 ↓	2.4	2.3 ↓	2.7	2.52		1.5	1.9	2.4	2.8	3.7	4.2
Alk Phos	U/L	48 ↓	42 ↓	53 ↓	72	58 ↓	🔴	8	37	66	124	153	182
Zinc, serum	µg/dL	82 ↓		70 ↓				42.5	60	95	129	130	147.5

Inflammation & Oxidative Stress

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
hs-CRP	mg/L	1.07 ↑	1.16 ↑	2.59 ↑	1.2 ↑	0.49	👍	0	0	0	0.9	3	10
Sed Rate (ESR)	mm/h	2			10	12 ↑	👎	0	0.5	1	10	30	37.38
Albumin	g/dL	4.9	4.6	4.6	4.38 ↓	4.37 ↓	👎	3.2	3.6	4.5	5	5.1	5.5
Bilirubin, Total	mg/dL	0.4 ↓	0.5	0.5	0.84 ↑	0.69	👍	0.1	0.2	0.45	0.8	1.2	1.45
Ceruloplasmin	mg/dL	22		24.1				14	19	19.1	27	39	44
Ferritin	ng/mL	28 ↓	22 ↓	59				6	12	40	75	150	184.5
Fibrinogen	mg/dL	214		292				150	175	200	350	400	450
GGT	UL	16 ↑			34 ↑	36 ↑	👎	0	3	5	9	18	60
HDL Cholesterol	mg/dL	115 ↑	95 ↑		65	72		40	50	65	85	95	105
TIBC	mcg/dL	393 ↑	389 ↑	328				200	250	300	341	450	500
Uric Acid	mg/dL	4.8 ↑			5.9 ↑	4.49 ↑	👍	1.7	2.5	3.2	4.4	5.7	7
Transferrin	mg/dL		316					157.5	200	242.5	327.5	370	412.5
Creatine Kinase, Total (CK)	U/L				59 ↓	53 ↓	👎	0	30	60	120	150	180

Blood Clotting & Flow

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Platelets	k/mcL	258	293	322 ↑	245	242		115	163	211	307	355	403
MPV	fL				9.4	9.7		6.1	7.2	8.3	10.6	11.7	12.8
D-Dimer	mg/L FEU	0.31						0	0	0	0.52	0.53	1.5
Fibrinogen	mg/dL	214		292				150	175	200	350	400	450
Viscosity - Estimated	cP	4.17	4.09	4.02	4.37	4.03		2.14	3.07	3.53	4.46	4.92	5.85
HCT	%	42.1	41.4	41	43.6	41.1		31.05	34.2	37.35	43.65	46.8	49.95
Protein, Total	g/dL	7	7	6.9	7.08	6.89 ↓	🚫	5.6	6.1	6.9	7.8	8.1	8.6
Prothrombin Time (PT)	seconds				12.5			9	10	11	13	14	15
Prothrombin Time, Control	seconds				12.7			9	10	11	13	14	15
INR	ratio				0.98			0.7	0.8	0.9	1.1	1.2	1.3
Partial Thromboplastin Time (PTT)	seconds				24 ↓			17	21	25	33	37	41

Liver Function

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Bile Acids	μmol/L	3.4 ↓						1.25	3	4.75	8.25	10	19
Bilirubin, Total	mg/dL	0.4 ↓	0.5	0.5	0.84 ↑	0.69	👍	0.1	0.2	0.45	0.8	1.2	1.45
Bilirubin, Direct	mg/dL	0.12			0.27 ↑	0.21 ↑	👍	0	0	0	0.2	0.3	0.4
Bilirubin, Indirect	mg/dL	0.28			0.57	0.48		0	0.1	0.11	0.78	1	1.23
Alk Phos	U/L	48 ↓	42 ↓	53 ↓	72	58 ↓	👎	8	37	66	124	153	182
AST (SGOT)	U/L	16	17	17	554 ↑	120 ↑		4	10	12	29	35	41
ALT (SGPT)	U/L	15	15	15	1284 ↑	298 ↑		3	6	12	19	29	35
AST/ALT Ratio	Ratio	1.07	1.13	1.13	0.43 ↓	0.4 ↓	👎	0.6	0.8	1	1.5	1.7	2
GGT	UL	16 ↑			34 ↑	36 ↑	👎	0	3	5	9	18	60
LDH, LD	U/L	161		144 ↓	279.35 ↑	199.64	👍	87.5	120	152.5	217.5	250	282.5
Hepatic Steatosis Index (HSI)		33.6 ↑	33.2 ↑	31.5 ↑	42.5 ↑	43.4 ↑	👎	0	0	0	30	36	45
Fibrosis-4 Index (FIB-4)		0.8	0.76	0.72	3.34 ↑	1.52 ↑	👍	0	0	0	1.3	2.67	3.25
LD1 - Heart	%			21				13	17	21	28	32	36
LD2 - Blood	%			34				21	25	29	36	40	44
LD3 - Lung	%			24				15	17	20	25	27	30
LD4 - Kidney	%			12 ↑				3	5	7	11	13	15
LD5 - Liver	%			9				0	4	8	16	20	24

Kidney Function

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
BUN	mg/dL	8 ↓	10 ↓	12 ↓	10.3 ↓	6.1 ↓		7.5	10	12.5	17.5	20	22.5
Creatinine	mg/dL	0.82	0.77	0.8	0.63 ↓	0.66		0.367	0.5	0.633	0.897	1.03	1.163
eGFR	mL/min/1.73m2	87 ↓	93	88 ↓	106	104.8		30	60	90	120	180	210
BUN/Creat Ratio	Ratio	9.76 ↓	12.99	15	16.35	9.24 ↓		2	6	10	18	22	26
Uric Acid	mg/dL	4.8 ↑			5.9 ↑	4.49 ↑		1.7	2.5	3.2	4.4	5.7	7

Electrolyte Balance

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Sodium	mmol/L	134 ↓	130 ↓	132 ↓	135 ↓	136 ↓		132	135	139	142	146	149
Potassium	mmol/L	4.5 ↑	4.1	4.6 ↑	4.2	4.1		3.1	3.5	4	4.4	5.2	5.6
Chloride	mmol/L	96 ↓	94 ↓	95 ↓	96 ↓	97 ↓		95	98	101	107	110	113
Carbon Dioxide	mmol/L	23	22 ↓	22 ↓				17	20	23	29	32	35
Anion Gap	mmol/L	15 ↑	14 ↑	15 ↑				0	3	6	12	15	18
Anion Gap w/ K	mmol/L	19.5 ↑	18.1 ↑	19.6 ↑				4	7	10	16	19	22

Stress & Adrenal Balance

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Na/K Ratio	Ratio	29.8 ↓	31.7	28.7 ↓	32.1	33.2		25	27.5	30	35	37.5	40
Sodium	mmol/L	134 ↓	130 ↓	132 ↓	135 ↓	136 ↓	👍	132	135	139	142	146	149
Potassium	mmol/L	4.5 ↑	4.1	4.6 ↑	4.2	4.1		3.1	3.5	4	4.4	5.2	5.6
Cortisol, AM	mcg/dL	10.9 ↓		11.3 ↓				2.8	4	13	21	22	26.5
DHEA-S	µg/dL	100 ↓		106 ↓				28.84	41.2	142.45	243.6	243.7	316.81

Hormone Balance

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Menstrual Phase				Follicular									
AMH	ng/mL		0.15 ↓					0	0	0.21	0.62	0.82	1.07
Estradiol (E2)	pg/mL			70.5				4.2	6	6.1	16.5	27	35.1
FSH	mIU/mL			15.3 ↑				0.14	0.2	0.3	11	11.1	14.43
IGF-1	ng/mL			122				45.5	65	102.8	178.3	216	253.8
LH	mIU/mL			16.8 ↑				0.07	0.1	0.2	11.8	11.9	15.47
Progesterone	ng/mL			0.95 ↑				0.09	0.13	0.49	0.84	0.85	1.11
SHBG	nmol/L			100				8.4	12	13	149	150	195
FreeT, Direct	pg/mL			2.4				0.7	1.16	1.16	4.1	4.2	5.5
TotalT, LC/MS	ng/dL			19.7 ↓				1.4	2	23.5	44	45	58.5

Immature WBC Differentials

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Band Neutrophils	%				0	0		0	0	0	3.8	5	6.3
Metamyelocytes	%				0	0		0	0	0	0.68	0.9	1.13
Myelocytes	%				0	0		0	0	0	0.68	0.9	1.13
Promyelocytes	%				0	0		0	0	0	0.68	0.9	1.13
Blasts	%				0	0		0	0	0	0.68	0.9	0.95
Total Neutrophils	%				69 ↑	65 ↑	👍	26.9	35.3	43.7	60.5	68.9	77.3

Blood Film Observations

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Red Series Observations					Absent	Absent							
White Series Observations					Absent	Present							
Neutrophil Observations					Present	Absent							
Lymphocyte Observations					Absent	Absent							
Platelet Number Alteration					Absent	Absent							
Leukopenia						+							
Toxic Granulation					+								

Blood Type

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Blood Group & Rh Factor					A Rh Positive								

Immunoglobulins

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Immunoglobulin A (IgA)	mg / dL				188			0	74.5	158.4	326.3	410.2	494.1
Immunoglobulin G (IgG)	mg / dL				1384			509.8	745.4	981	1452.2	1687.8	1923.4
Immunoglobulin M (IgM)	mg / dL				221 ↑			0	38.5	88.4	188.2	238.1	288
Immunoglobulin E (IgE)	IU/mL				181 ↑			1	1	1	75	100	125

Tumor Markers

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Carcinoembryonic Antigen (CEA)	ng / mL				1.09			0	0	0	3.82	5.09	6.36
CA 15-3	U / mL				12.5			0	0	0	18.8	25	31.3
CA 27-29	U / mL				29.6 ↑			0	0	0	29	38.6	48.3
VEGF	pg/mL			19 ↓				0	0	29	86	115	144

Urinalysis

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Urine Specific Gravity	gr / mL				1.02			0.996	1.003	1.01	1.023	1.03	1.037
Urine pH					6			3.8	4.7	5.7	7.6	8.5	9.5
Dysmorphic RBC	%				0			0	0	0	8	10	13
Normal RBC	%				100 ↑			88	90	93	95	100	103
Leukocyte Esterase					100			Expected: Negative					
Urine Color					Amber								
Urine Appearance					Slightly cloudy								
Urine Sediment					Moderate amount								
Nitrites					Negative			Expected: Negative					
Urine Protein					Negative			Expected: Negative					
Urine Glucose					Negative			Expected: Negative					
Ketones					Positive ++			Expected: Negative					
Urobilinogen					Negative			Expected: Negative					
Urine Bilirubin					Negative			Expected: Negative					
Urine Blood					Negative			Expected: Negative					
Urine RBC per Field					1 - 2			Expected: 0 - 1					
Urine WBC per Field					5 - 10			Expected: 0 - 5					
Pus Cells					None			Expected: None					
Urine Bacteria					Scant amount			Expected: Not observed					
Urethral Cells					Scant amount			Expected: Not observed					

Urinalysis (cont.)

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Urothelial Cells					Not observed			Expected: Not observed					
Renal Cells					Not observed			Expected: Not observed					
Bacterial Cytolysis					Not observed			Expected: Not observed					
Crystalluria					Absent			Expected: Absent					
Mucus Threads					Scant amount			Expected: Not observed					
Cylindruria					Absent			Expected: Absent					
Other Urine Structures					Absent			Expected: Absent					
Yeasts					Not observed			Expected: Not observed					
Urine Parasites					Not observed			Expected: Not observed					
Urine Inflammatory Reaction					Positive +			Expected: Negative					
Urine Gram-Positive Bacilli					+			Expected: Not observed					
Urine Gram-Positive Coccobacilli					+			Expected: Not observed					
Lithogenic Risk 1 - Crystal Size					Absent Risk			Expected: Absent Risk					
Lithogenic Risk 2a - Crystal Thickness					Absent Risk			Expected: Absent Risk					
Lithogenic Risk 2b - Crystal Roughness					Absent Risk			Expected: Absent Risk					
Lithogenic Risk 3 - Crystal Number					Absent Risk			Expected: Absent Risk					

Urinalysis (cont.)

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Lithogenic Risk 4 - Twinning					Absent Risk			Expected: Absent Risk					
Lithogenic Risk 5 - Aggregation					Absent Risk			Expected: Absent Risk					

Stool Parasitology

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Stool pH					8 ↑			6.8	6.9	7	7.1	7.2	7.3
Stool Color					Brown								
Stool Form					Hard pellets								
Stool Consistency					Hard								
Undigested Food					Moderate amount								
Stool Mucus					Moderate amount								
Occult Blood					Positive			Expected: Negative					
Reducing Substances					Negative			Expected: Negative					
Fat Globules					Negative			Expected: Negative					
Amoeba, Fresh Prep					Negative			Expected: Negative					
Ova & Parasites (O&P)					Positive			Expected: Negative					
Entamoeba coli Cysts					+			Expected: Negative					
Protozoa					Positive			Expected: Negative					
Blastocystis hominis					Negative			Expected: Negative					
Coccidia					Negative			Expected: Negative					
Nematodes					Negative			Expected: Negative					
Cestodes					Negative			Expected: Negative					
Trematodes					Negative			Expected: Negative					

Stool Culture & Gram Stain

Marker	Units	07/14 2023	05/10 2024	07/22 2026	08/17 2026	09/02 2026	Trend	Alarm Min	Lab Min	Optimal Min	Optimal Max	Lab Max	Alarm Max
Polymorphonuclear Cells	%				100 ↑			0	0	25	75	100	125
Mononuclear Cells	%				0 ↓			0	0	25	75	100	125
Stool Inflammatory Reaction					2 - 5								
Stool Gram-Negative Bacilli					++								
Stool Gram-Positive Bacilli					+++								
Stool Gram-Negative Coccobacilli					++++								
Stool Gram-Positive Coccobacilli					++++								
Stool Gram-Positive Cocci					+								
Isolated Microorganisms					Escherichia coli								
Salmonella					Negative			Expected: Negative					
Shigella					Negative			Expected: Negative					
Vibrio cholerae					Negative			Expected: Negative					
Morganella morganii					Negative			Expected: Negative					
Klebsiella oxytoca					Negative			Expected: Negative					
Aeromonas					Negative			Expected: Negative					
Plesiomonas shigelloides					Negative			Expected: Negative					
Staphylococcus aureus					Negative			Expected: Negative					
Vibrio parahaemolyticus					Negative			Expected: Negative					
Yersinia enterocolitica					Negative			Expected: Negative					
Vibrio, genus					Negative			Expected: Negative					

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