

XXXTest report

Sample number: 202508020...

Patient name: 102

Report time: 2025.08.02 16:12:02

Patient No.:

Gender: Male

Print time: 2025.08.05 10:25:47

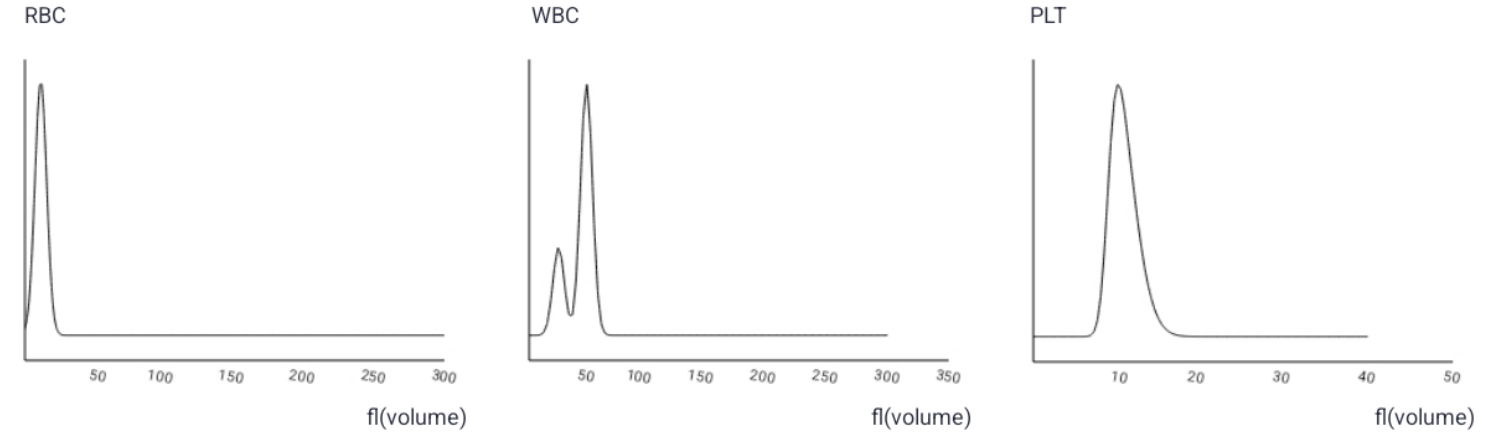
Age: 18

Mobile No.:

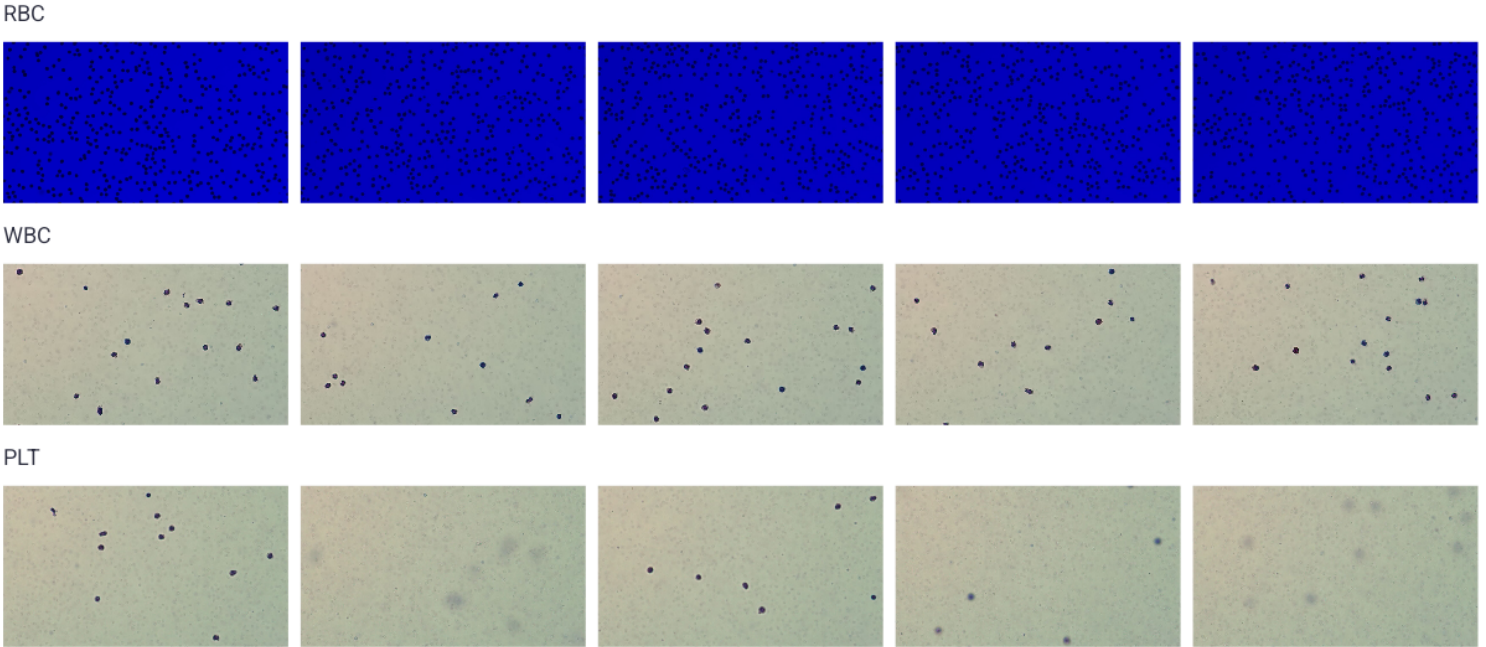
Sample type: Whole blood

Abbrev.	Result	Reference range	Low	Normal	High
WBC	8.04 10^9/L	3.50-9.50	<div></div>	<div></div>	<div></div>
NEU#	5.96 10^9/L	1.80-6.30	<div></div>	<div></div>	<div></div>
NST#	1.36 10^9/L ↑	0.04-0.50	<div></div>	<div></div>	<div></div>
NSG#	4.6 10^9/L	2.00-7.00	<div></div>	<div></div>	<div></div>
NSH#	0.0 10^9/L	0.00-0.30	<div></div>	<div></div>	<div></div>
LYM#	0.98 10^9/L ↓	1.10-3.20	<div></div>	<div></div>	<div></div>
MON#	0.99 10^9/L ↑	0.10-0.60	<div></div>	<div></div>	<div></div>
EOS#	0.08 10^9/L	0.02-0.52	<div></div>	<div></div>	<div></div>
BAS#	0.03 10^9/L	0.00-0.06	<div></div>	<div></div>	<div></div>
ALY#	0.0 10^9/L	0.00-0.20	<div></div>	<div></div>	<div></div>
NEU%	74.11 %	40.000-75.000	<div></div>	<div></div>	<div></div>
NST%	16.96 % ↑	0.000-5.000	<div></div>	<div></div>	<div></div>
NSG%	57.14 %	50.000-70.000	<div></div>	<div></div>	<div></div>
NSH%	0.0 %	0.00-3.00	<div></div>	<div></div>	<div></div>
LYM%	12.2 % ↓	20.000-50.000	<div></div>	<div></div>	<div></div>
MON%	12.3 % ↑	3.000-10.000	<div></div>	<div></div>	<div></div>
EOS%	0.99 %	0.400-8.000	<div></div>	<div></div>	<div></div>
BAS%	0.4 %	0.000-1.000	<div></div>	<div></div>	<div></div>
RBC	5.83 10^12/L ↑	4.30-5.80	<div></div>	<div></div>	<div></div>
HGB	127.0 g/L ↓	130-175	<div></div>	<div></div>	<div></div>
HCT	52.95 % ↑	40.000-50.000	<div></div>	<div></div>	<div></div>
MCV	90.82 fL	82.00-100.00	<div></div>	<div></div>	<div></div>
MCH	21.81 pg ↓	27.00-34.00	<div></div>	<div></div>	<div></div>
MCHC	240.11 g/L ↓	316.00-354.00	<div></div>	<div></div>	<div></div>
RDW_CV	12.51 %	12.000-14.300	<div></div>	<div></div>	<div></div>
RDW_SD	31.0 fL ↓	37.00-50.00	<div></div>	<div></div>	<div></div>
RET#	31.03 10^9/L	24.00-84.00	<div></div>	<div></div>	<div></div>
RET%	0.53 %	0.50-1.50	<div></div>	<div></div>	<div></div>
PLT	105.42 10^9/L	100.00-350.00	<div></div>	<div></div>	<div></div>

MPV	10.7 fL	6.00-14.00	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
PDW	8.86 fL	6.00-14.00	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
PCT	1.1 mL/L	1.00-2.80	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
PAG#	0.0 10^9/L	0.00-0.00	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
P_LCC	18.19 10^9/L	13.00-130.00	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
P_LCR	17.26 %	12.000-45.000	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
NLR	6.07 / ↑	1.25-3.50	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
PLR	107.43 /	63.00-176.20	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>



Note: The result is reported based on the sample, doctors should make diagnosis according to clinical symptoms.

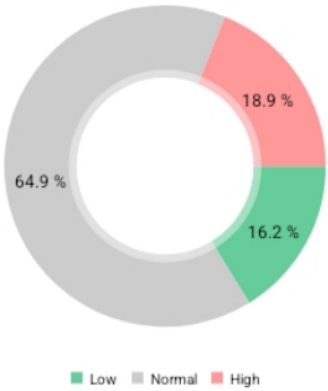


Overview

Basis: A decrease in lymphocytes (LYM reduction) along with an increase in monocytes (MON# increase) and immature neutrophils (NST# increase) may collectively indicate the following pathological mechanisms:

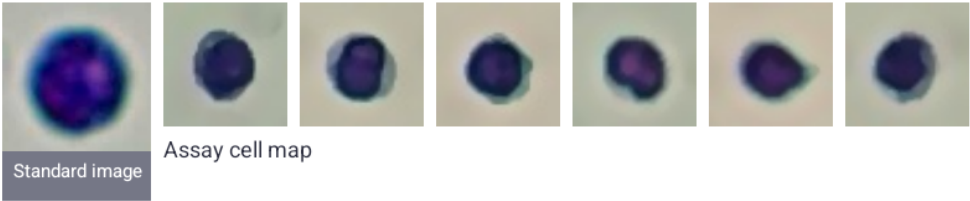
- ****Acute or chronic infection****: An increase in neutrophils suggests infection, particularly bacterial; an increase in monocytes may suggest a chronic process or enhanced inflammatory response. A decrease in lymphocytes may be due to viruses inhibiting B/T cell function, or it could be an early stress response to infection.
- ****Immune dysfunction****: A decrease in lymphocytes may be associated with immune suppression, such as from viruses (e.g., EB virus, HIV) or drug effects.
- ****Stress response****: As in systemic inflammatory response syndrome (SIRS) or severe infection, which can cause the bone marrow to release immature granulocytes (NST# increase) and suppress the generation or function of lymphocytes.

Overall, this set of abnormal indicators tends to support the early or progressive phase of infection (especially bacterial or viral mixed infections) or inflammatory diseases.



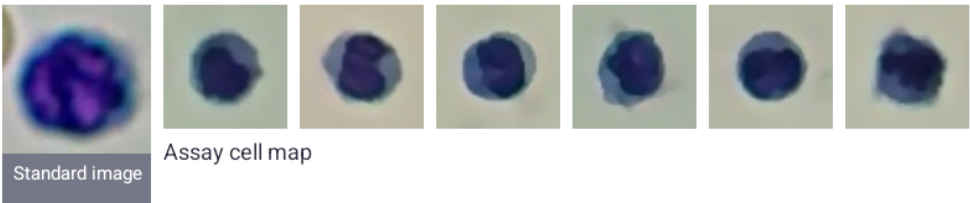
LYM# 0.98 ↓ (1.10-3.20)

- **Clinical implication**: Indicates possible viral infection, immunosuppression, or stress state
- **Guideline**: Lymphocytopenia is common in viral infections or immunosuppression, such as HIV, EB virus, systemic inflammation, or drug effects.



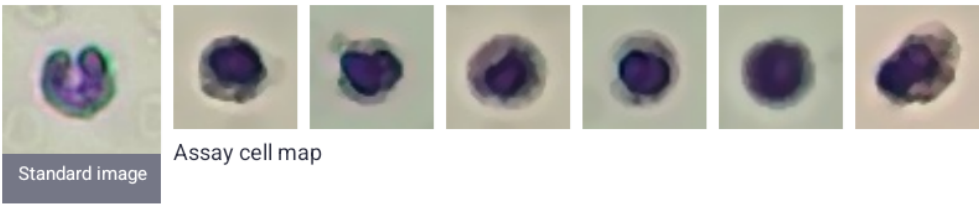
MON# 0.99 ↑ (0.10-0.60)

- **Clinical implication**: Suggests the possibility of chronic infection, inflammatory response, or certain immune diseases
- **Guideline**: Elevated monocytes are commonly associated with chronic inflammation, tuberculosis, autoimmune diseases, and some hematological conditions.



NST# 1.36 ↑ (0.04-0.50)

- **Clinical implication**: Suggests possible infection (especially bacterial), stress response, or inflammation
- **Guideline**: Elevated immature neutrophils (especially metamyelocytes) are an emergency response to infection (particularly bacterial infections) or severe inflammation, reflecting active marrow release of immature granulocytes



Possible basis diagnosis inference

- Bacterial infection** (such as pneumonia, urinary tract infection, sepsis) **Higher**
Increased NST# suggests that the bone marrow releases immature neutrophils in an emergency situation, common in bacterial infections; increased MON# also supports chronic or severe infection processes.
- Viral Infection** (such as Epstein-Barr Virus, Cytomegalovirus, etc.) **Medium**
LYM reduction may be due to immunosuppression caused by viral infections, some viruses can also trigger monocytosis and inflammatory reactions
- Autoimmune diseases** (such as systemic lupus erythematosus, rheumatoid arthritis, etc.) **Medium**
Elevated monocytes are associated with inflammatory conditions; some autoimmune diseases can also manifest as increased immature neutrophils and decreased lymphocytes

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