

mySmartBlood

Report ID

hAzBMcRr751V9RJU

Blood test from: 27 Sept 2021  
Report generated on: 14 Oct 2021

Name:	Receiving any treatment	Comments:
<b>Adam Sample</b>	<b>No</b>	---
Birth date:	Pregnant:	
<b>29 Nov 1976</b>	<b>No</b>	
Biological sex:		
<b>♂ Male</b>		

mySmartBlood uses advanced machine learning algorithms to provide the most probable diagnoses, based solely on blood test results of an individual.

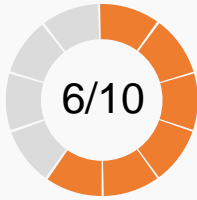
By its inherent design, mySmartBlood does not provide information that could itself be used to confirm or discard health condition, since it always provides a list of a maximum of 5 of the most likely groups of diseases. By providing information in such a format, it enables the physician to naturally consider multiple options.

The interpretation provided by mySmartBlood is intended for information purposes only to guide you to consult with the appropriate healthcare professional.



Your blood test results indicate that you might be facing some of the following conditions.

Group of diseases by ICD codes (International Code of Disease)



6 out of 10 people with similar blood results are diagnosed with one of the diseases from the above group.

Field of medicine: Cardiology

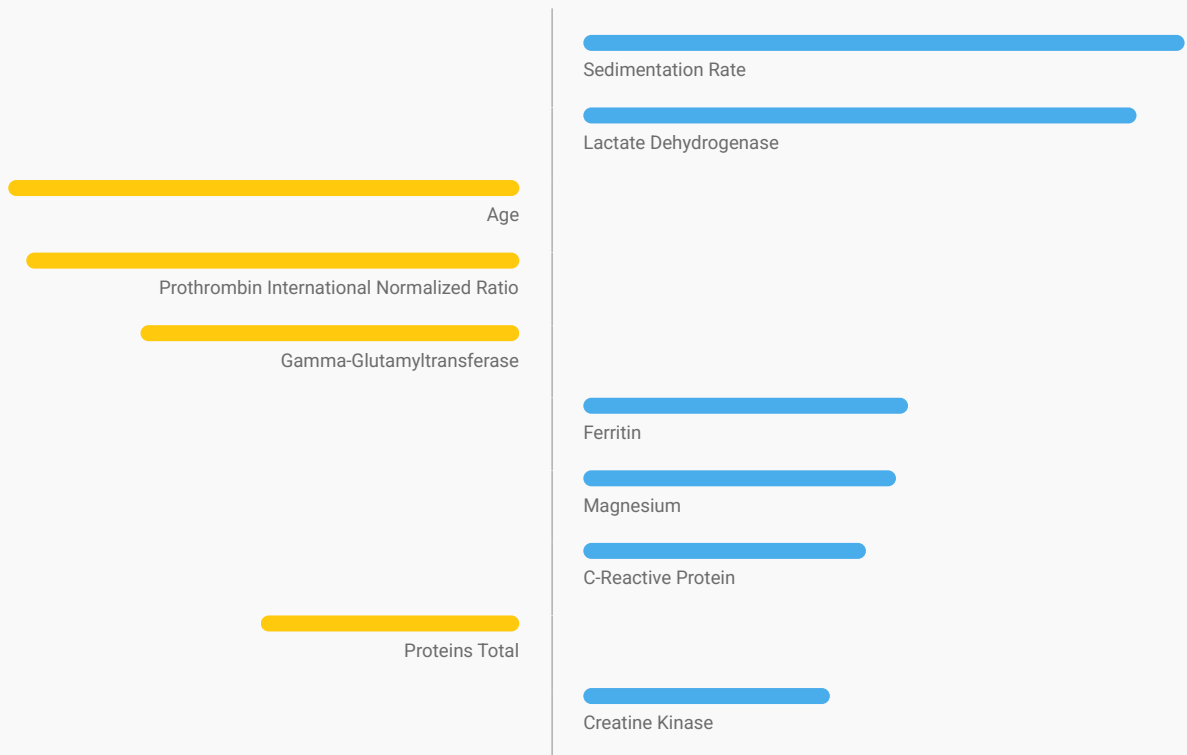
Other forms of heart disease

- I42 - Cardiomyopathy
- I50 - Heart failure
- I48 - Atrial fibrillation and flutter
- I35 - Nonrheumatic aortic valve disorders
- I49 - Other cardiac arrhythmias

Parameter contribution for predicting a specific group of diseases

● AGAINST THE DISEASE

● FOR THE DISEASE



The figure shows how the value of a particular parameter influenced the mySmartBlood decision. The parameters in blue are the ones that are the most in favor of, while the parameters in yellow are the ones that are the most opposed to this decision.

Your blood test results indicate that you might be facing some of the following conditions.

Group of diseases by ICD codes (International Code of Disease)



Field of medicine: Cardiology

Ischaemic heart diseases

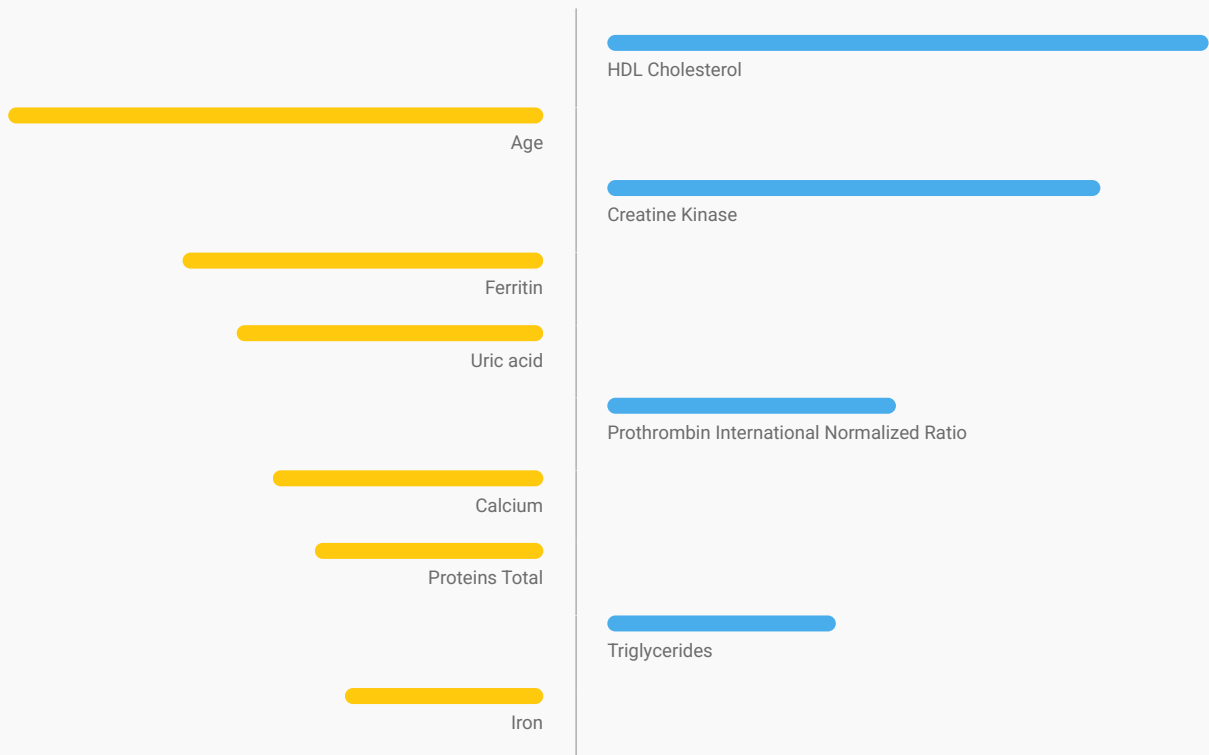
- I25 - Chronic ischaemic heart disease
- I20 - Angina pectoris
- I21 - Acute myocardial infarction

2 out of 10 people with similar blood results are diagnosed with one of the diseases from the above group.

Parameter contribution for predicting a specific group of diseases

● AGAINST THE DISEASE

● FOR THE DISEASE



The figure shows how the value of a particular parameter influenced the mySmartBlood decision. The parameters in blue are the ones that are the most in favor of, while the parameters in yellow are the ones that are the most opposed to this decision.

Your blood test results indicate that you might be facing some of the following conditions.

Group of diseases by ICD codes (International Code of Disease)



Field of medicine: Cardiology

## Hypertensive diseases

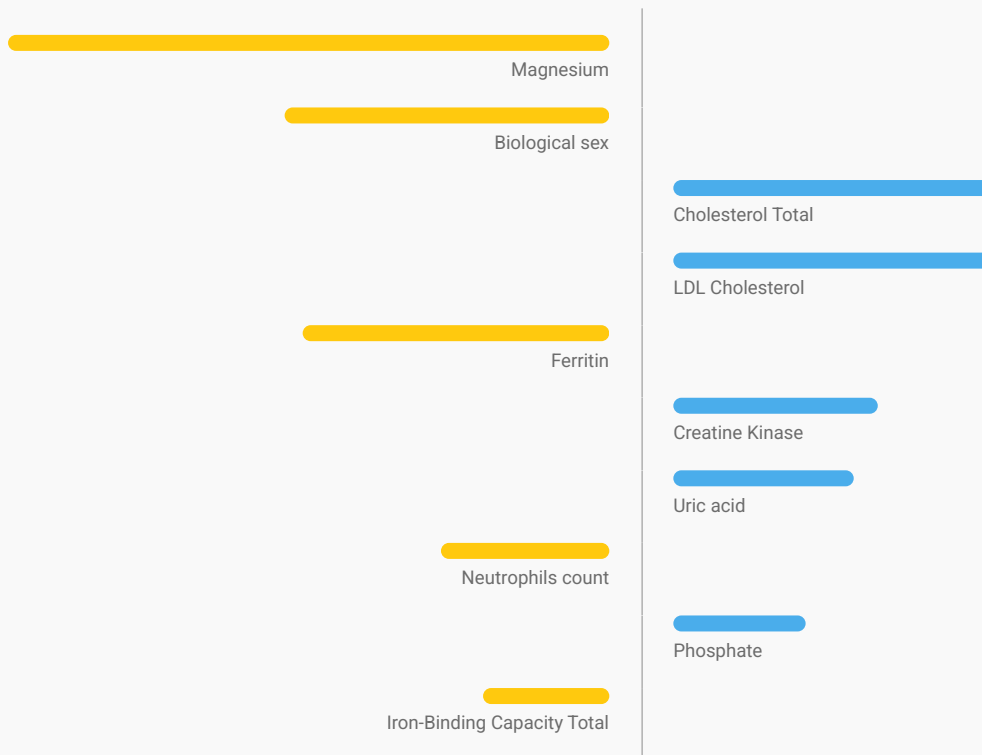
I10 - Essential (primary) hypertension

1 out of 10 people with similar blood results are diagnosed with one of the diseases from the above group.

Parameter contribution for predicting a specific group of diseases

● AGAINST THE DISEASE


● FOR THE DISEASE



The figure shows how the value of a particular parameter influenced the mySmartBlood decision. The parameters in blue are the ones that are the most in favor of, while the parameters in yellow are the ones that are the most opposed to this decision.

Your blood test results indicate that you might be facing some of the following conditions.

Group of diseases by ICD codes (International Code of Disease)



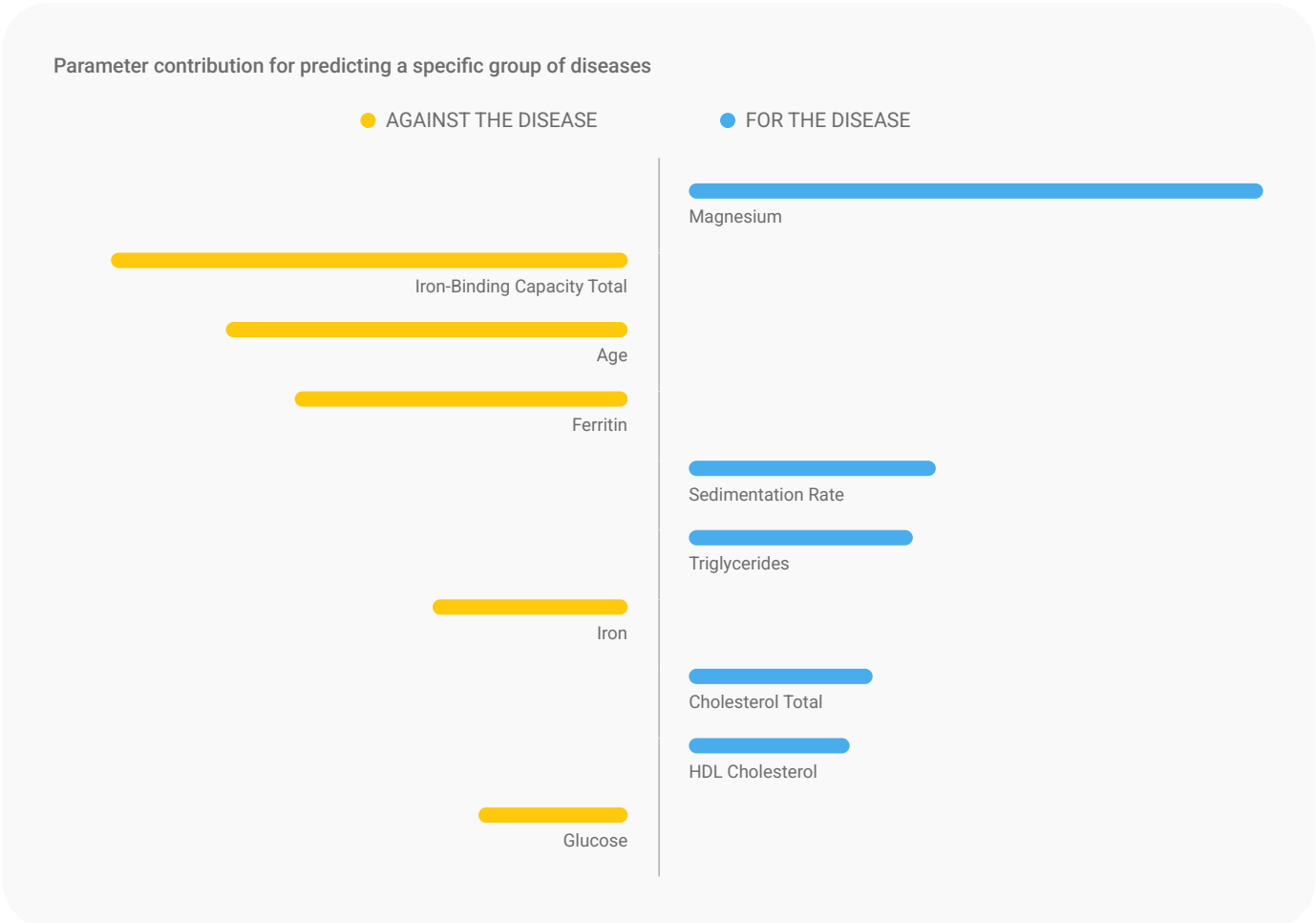
1/10

Field of medicine: Cardiology

## Cerebrovascular diseases

I63 - Cerebral infarction

**1 out of 10** people with similar blood results are diagnosed with one of the diseases from the above group.



The figure shows how the value of a particular parameter influenced the mySmartBlood decision. The parameters in blue are the ones that are the most in favor of, while the parameters in yellow are the ones that are the most opposed to this decision.

Blood test from: 27 Sept 2021

PARAMETER	VALUE	UNIT
<b>Hematology</b>		
Leukocyte count	5.9	1E9/L
Neutrophils %	49.3	%
Lymphocyte %	40.9	%
Monocyte %	6.1	%
Eosinophils %	2.9	%
Basophils %	0.8	%
Neutrophils count	2.9	1E9/L
Lymphocyte count	2.41	1E9/L
Monocyte count	0.36	1E9/L
Eosinophils count	0.17	1E9/L
Basophils count	0.05	1E9/L
Erythrocyte count	5.28	1E12/L
Hemoglobin	157	g/L
Hematocrit	0.46	1
Mean Corpuscular Volume	87.1	fL
Mean Corpuscular Hemoglobin	29.7	pg/cell
Mean Corpuscular Hemoglobin Concentration	341	g/L
Erythrocyte Distribution Width	13	%
Sedimentation Rate	9	mm/h
Thrombocytes count	240	1E9/L
Mean Platelet Volume	10	fL

**Protein and amino acid analysis**

Ferritin	501	µg/L
Proteins Total	71	g/L
SPE Albumin	45	g/L
C-Reactive Protein	3	mg/L

PARAMETER	VALUE	UNIT
<b>Biochemistry</b>		
Bilirubin Total	17	µmol/L
Bilirubin Direct	3	µmol/L
Urea	7.2	mmol/L
Creatinine	67	µmol/L
Uric acid	415	µmol/L
Glucose	5.4	mmol/L
Iron	21.7	µmol/L
Iron-Binding Capacity Total	60.6	µmol/L
Potassium	4.2	mmol/L
Sodium	142	mmol/L
Chloride	104	mmol/L
Calcium	2.45	mmol/L
Phosphate	1.17	mmol/L
Magnesium	0.9	mmol/L

**Enzymes**

Aspartate Aminotransferase	0.48	µkat/L
Alanine Aminotransferase	0.74	µkat/L
Gamma-Glutamyltransferase	0.4	µkat/L
Alkaline Phosphatase	1.13	µkat/L
Creatine Kinase	4.37	µkat/L
Lactate Dehydrogenase	3.33	µkat/L
Amylase Total	1.07	µkat/L
Lipase	0.37	µkat/L

**Lipids**

Cholesterol Total	6	mmol/L
Triglycerides	1.3	mmol/L
HDL Cholesterol	1.1	mmol/L
LDL Cholesterol	4.3	mmol/L

**Hemostasis**

Prothrombin International Normalized Ratio	0.97	1
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This report is subject to mySmartBlood Terms and Conditions to which you agreed prior to your use of mySmartBlood. Terms and Conditions are available within the application or you can e-mail us and we will provide them to you free of charge.

### The mySmartBlood is not intended for:

- Users below the age of 18,
- Emergency situations in general, e.g.:
  - Signs of a heart attack (severe/heavy/crushing chest pain, ...),
  - Signs of a stroke (facial weakness, slurred speech, inability to hold up both arms, ...),
  - Severe breathing problems,
  - Any other untoward sign or symptom that may be of an urgent nature or necessitate urgent or emergency care,
- Users who are pregnant.

### Additional Information and Warnings:

- mySmartBlood is intended solely for individual personal use and is not a diagnostic medical device. You are not allowed, and you should not make any decisions based only on the results obtained by mySmartBlood, without also consulting a healthcare professional.
- Your diagnosis shall always be determined by the responsible physician based on all available physical findings, patient medical history, symptoms, and results of other diagnostic tests.
- The interpretation provided by mySmartBlood is for information purposes to guide you to consult the appropriate healthcare professional.
- All diagnoses generated by mySmartBlood can never replace any medical advice, diagnosis, or treatment. You shall never disregard healthcare professional's advice or cancel an appointment with a healthcare professional because you are relying only on information from mySmartBlood.
- In case of a medical emergency, a physician or emergency services shall be contacted immediately.
- You assume full risk and responsibility for the use of information obtained from or through mySmartBlood.
- mySmartBlood was clinically evaluated on data of Caucasian adult patients. The performance of mySmartBlood, when used in unevaluated populations, can be lower than specified.
- Certain kinds of medication therapy can affect mySmartBlood outputs. When consulting with a healthcare professional, please inform them regarding this.
- mySmartBlood can only be used if all parameters from the Mandatory Blood Parameter List are available and the input of the blood parameters and values are correct.
- mySmartBlood can only predict groups of diseases that are available in its database. All the available groups of diseases are listed in the Instructions For Use.
- You should use mySmartBlood if you are showing any kind of medical symptoms. mySmartBlood is not designed for screening purposes.