

# VitaLab

FAST

SENSITIVE

RELIABLE



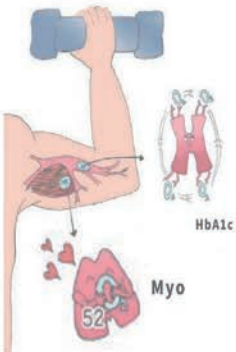
## Reference <<<

- [1] Chereckyy CC, Berger BJ. Myoglobin - serum. In: Chereckyy CC, Berger BJ, eds. Laboratory Tests and Diagnostic Procedures. 6th ed. St Louis, MO: Elsevier Saunders; 2013:808-809.
- [2] Nagaraju K, Gladue HS, Lundberg IE. Inflammatory diseases of muscle and other myopathies. In: Firestein GS, Budd RC, Gabriel SE, McInnes IB, O'Dell JR, eds. Kelly and Firestein's Textbook of Rheumatology. 10th ed. Philadelphia, PA: Elsevier; 2017:chap 85.
- [3] Selcen D. Muscle diseases. In: Goldman L, Schafer AJ, eds. Goldman-Cecil Medicine. 25th ed. Philadelphia, PA: Elsevier Saunders; 2016:chap 421.
- [4] Serum myoglobin immunoassays: obsolete or still clinically useful?

## Myo Test Kit

(Dry Fluorescence Immunoassay)

CE IVD



**Myoglobin** is found in your heart and skeletal

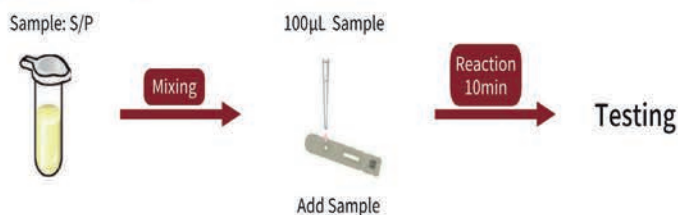
muscles. There it captures oxygen that muscle cells use for energy.

**Myo test** in blood can be used as the most sensitive index in the early diagnosis of acute myocardial infarction (AMI).

## Clinical significance of Myo

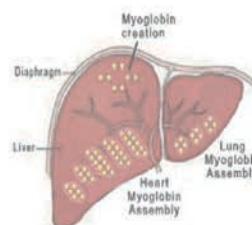
- ▶ Acute Myocardial Infarction (AMI)
- ▶ Unstable Angina
- ▶ Acute Myocarditis
- ▶ Acute Coronary Syndrome (ACS)
- ▶ Heart attack
- ▶ Muscular dystrophy
- ▶ Rhabdomyolysis
- ▶ Skeletal muscle inflammation (myositis)
- ▶ Skeletal muscle ischemia (oxygen deficiency)
- ▶ Skeletal muscle trauma
- ▶ Acute renal failure
- ▶ Malignant hyperthermia (very rare)

## Steps of Operation



## Heart Myoglobin's Functions and Creation

Our heart pacemaker sends three paired myoglobins to the right side of our heart and five paired myoglobins on the left side of our heart, that must send the blood in, our arteries, to every part of our body, all day and night.



Where our liver makes myoglobins and forms our myoglobin groups.

The myoglobin globins are made in our liver, of intertwining stacks of poly-peptides, separated into muscle sarcomere, feeding useful protein groups.



orange marmalade, helps make right side, bundles of three myoglobins

peaches in strawberry gelatins help to create your hearts left side bundles of five vitalizing myoglobin

## How does myoglobin damage the kidney?

