

# **D-DIMER CALIBRATOR SET**

En
REF: 06T04-02
FOR USE WITH
ARCHITECT

Package insert instructions must be carefully followed. Reliability of assay results cannot be guaranteed if there are any deviations from the instructions in this package.

#### INTENDED USE

D-Dimer Calibrator Set are for calibration of the D-Dimer assay.

### **CONTENTS / MATERIALS PROVIDED**

D-Dimer Calibrator Level I-II

REF: 06T04-02

Package: 2x1 mL + 2x1 mL Lyophilized

For use with;

D-Dimer Reagent

06T04-02 contains the human serum.

Sodium Azide (0,09 %) is added as preservative.

#### Materials Required But Not Provided:

- 1. Class A volumetric pipette for liquid transfer
- Distilled or deionized water meeting the specifications equivalent to USP (United States Pharmacopeial Convention) purified water.

### **CALIBRATOR STABILITY**

Temperature-Conditions	Stability
Unopened at +2/+8°C	Expiry date on the vial.
Opened and stored at +2/+8°C	7 days
Frozen and stored at -20°C	30 days

### **LIMITATIONS**

- Please open the vial caps carefully. When you open, be careful not to scatter any powdery substance around or to escape from the vial.
- Dissolve with distilled water with volume stated on the vial. Injector should not be used for the transfer process since there may be errors between 5-20% in liquid transfer with the injector. Use calibrated micropipettes.
- 3. Temperature of dry serum in the vial and distilled water must be +20/+25°C. After adding distilled water, close the vial cap tightly and store at +25°C around 5-10 minutes.
- 4. Wait for 30 minutes for dissolving process and mix thoroughly by gently inverting the vial at regular intervals, do not shake. Avoid formation of bubbles or

foam. Protect from light. It is recommended to use a rotational mixer for routine mixing procedures.

- 5. After reconstitution, the calibrator is usually divided into small quantities (150-250 microliters) into Eppendorf tubes or sample cups of the device and stored in the refrigerator for freezing process. For serums prepared in this way, it is absolutely necessary to leave the serum at +25°C for 30 minutes before dividing it into small quantities. Do not refreeze after the serum is frozen and thawed once
- 6. Calibrator precipitation is faster than normal serum. In order for the first and last parts to be homogeneous and to avoid precipitation, perform the process as fast as possible during separation.
- The quality of the distilled water to be used in the dilution of the calibrator is very important. There may be significant deviations in the values due to bacterial contamination.
- 8. It is necessary to be careful against infectious agents in calibrator measurements.

### PREPARATION OF CALIBRATOR

Lyophilized calibrator should be reconstituted by adding distilled or deionized water with the amount stated on the label. Close the vial and wait for 30 minutes. Dissolve the contents of the vial by swirling gently to avoid the formation of foam. Do not shake.

#### INDICATIONS OF INSTABILITY OR DETERIORATION

Presence of extreme turbidity or microbial growth may indicate deterioration.

## PRECAUTIONS



Human source material. Treat as potentially infectious material. Each plasma donor used in the preparation of this product has been tested by an FDA-approved method and

found negative for the presence of HIV 1/2 HBsAg, HCV, HIV-Ag antibodies. However, none of the known testing methods can offer complete assurance that the hepatitis B virus, Human Immunodeficiency Virus (HIV) or infectious agents are not present. All human-based products should be handled in accordance with Good Laboratory Practice (GLP) principles using appropriate precautions. Safety data sheets are available at www.archem.com.tr or you may contact your local representative.

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#### **WARNINGS**

IVD: For in Vitro Diagnostic use only.

Do not use expired reagents.

Reagents with two different lot numbers should not be interchanged.

For professional use.

Follow Good Laboratory Practice (GLP) guidelines.

Contains sodium azide.

CAUTION: Human source samples are processed with this product. All human source samples must be treated as potentially infectious materials and must be handled in accordance with OSHA standards.

**Danger** 

H317 :May cause allergic skin reaction.

**Precaution** 

P280 :Use protective gloves / clothes / glasses

/ mask.

P264 :Wash your hands properly after using.

P272 :Contaminated work clothes should not

be allowed to be used outside of the

workplace.

Intervention

P302+P352 :Wash with plenty of water and soap if it

contacts with skin.

P333+P313 :Seek medical help if it irritates your skin

or develops rash.

P362+P364 :Remove contaminated clothes and

wash properly before using.

Disposal

P501 :Dispose the vials and contents

according to the local regulations.

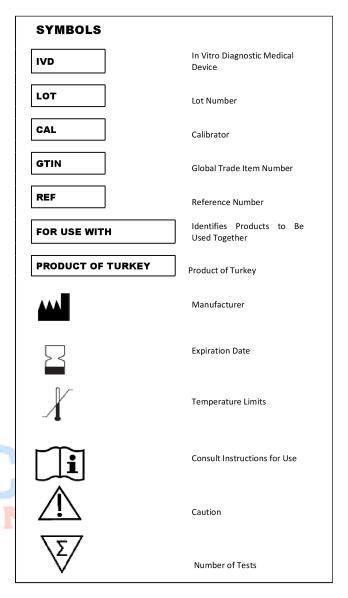
# REFERENCES

- EU-Dir 1999/11 Commission Directive of 8 March 1. 1999 adapting to technical progress the principles of Good Laboratory Practice as specified in Council Directive 87/18/EEC
- 2. Directive 2000/54/EC. Official Journal of the European Communities No. L262 from October 17, 2000.

### **TRADEMARKS**

Rev: V1.2 Date: 03.2024

D-Dimer Calibrator Set are a trade mark of ARCHEM Sağlık Sanayi ve Tic A.Ş in various jurisdictions.





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