

# Fibrinogen Medium Level Calibrator

✓ **REFERENCE**

Medium Fibrinogen calibrator	FIREM-001	1 ml	2-8°C
Fibrinogen calibrator is a plasmatic biological fluid standardized from the 3 <sup>rd</sup> international standard for fibrinogen plasma (NIBSC code 09/264), stabilizers			
Lot #	18E16		
Expiry date	09/2019		
Control date	05/07/2018		
Quality control report #	DGM-QAC-REP-18063		
Document prepared and signed by	L.Ginneberge		

✓ **SAMPLES AND REFERENCE VALUES**

See the corresponding reagents technical sheet.

✓ **COMPOSITION**

Fibrinogen calibrator is a plasmatic biological fluid containing human Fibrinogen at fixed value standardized from the 2<sup>nd</sup> international standard for fibrinogen plasma (NIBSC code 98/612). Fibrinogen calibrator was processed from human plasma collected with sodium citrate anticoagulant. Stabilizers are added before lyophilisation.

✓ **PRINCIPLE OF TEST**

The human Fibrinogen reacts upon a specific antibody for human Fibrinogen and the turbidity induced by the formation of immune complexes is recorded at 340 nm. The turbidity measured is directly proportional to the Fibrinogen concentration of the calibrator which can be used for the quantitative determination of Fibrinogen in immunoturbidimetry

✓ **PRECAUTIONS**

For in vitro single diagnostic use. To be handled by entitled Personnel. Products from human source were tested and found free from HBsAg and antibodies to HCV and HIV but this material should be treated just as carefully as potentially infective.

✓ **ANALYTICAL PERFORMANCES**

See the corresponding reagents technical sheet.

✓ **PREPARATION AND REAGENTS STABILITY**

The calibrator has to be stored in unopened vial at 2-8°C. The calibrator is lyophilized and has to be reconstituted before use with 1 ml of distilled water; swirl gently and let stand undisturbed for 15 minutes at room temperature. Do not invert vial or mix vigorously. Gently mix contents before each use. Once proper reconstituted, it is stable for 8 hours at 2-8°C in capped vial; the reconstituted appearance is straw to yellow and clear to hazy.

✓ **METHOD OF ANALYSIS AND CALCULATION**

See the corresponding reagents technical sheet.

✓ **QUALITY CONTROL**

**Accuracy and reproducibility:** Accuracy and reproducibility: analytical performances can be checked with the internal quality control plasma of the laboratory.


**Calibration:** In case of analytical performances modification, calibrate the method again and contact the manufacturer if modifications are subsisting.

✓ **BIBLIOGRAPHY**

WHO International Standard 3<sup>rd</sup> INTERNATIONAL STANDARD FIBRINOGEN PLASMA NIBSC code: 09/264  
<http://www.nibsc.ac.uk/documents/ifu/09-264.pdf>

<b>Fibrinogen</b>	<b>CAL</b>	<b>M</b>
	<b>mg/dl</b>	
	<b>247</b>	

Values assigned from the 3<sup>rd</sup> international standard for fibrinogen plasma (NIBSC code 09/264).

  
FIREMFTEN 05/07/2018 v02