

# Anti Streptolysin O (ASO) Calibrator KIT

✓ **REFERENCE**

5 calibrators KIT	ASREK-000	5 x 1 ml	2-8°C
Human serum ASO standardized from the reference SSI (1st International Standard for antistreptolysin O), sodium azide (0.075%)			
Lot #		19D02	
Expiry date		10/2020	
Control date		27/06/2019	
Quality control report #		DGM-QAC-REP-19057	
Document prepared and signed by		L.Ginneberge	

✓ **SAMPLES AND REFERENCE VALUES**

See the corresponding reagents technical sheet.

✓ **COMPOSITION**

Human serum ASO standardized from the reference SSI (1st International Standard for antistreptolysin O), sodium azide (0.075%).

✓ **PRINCIPLE OF TEST**

The human serum sample reacts upon polystyrene latex particles coated with streptolysin O. In the presence of ASO, the particles agglutinate. This induces an increase in optical density at 600 nm, which is directly proportional to the ASO titre in the sample.

✓ **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.

Products containing sodium azide have to be handled with care; avoid ingestion and contact with skin and mucous membranes. Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

✓ **ANALYTICAL PERFORMANCES**

See the corresponding reagents technical sheet.

✓ **PREPARATION AND REAGENTS STABILITY**

The calibrator is ready for use; once opened, it is stable until expiry date if stored stoppered in appropriate temperature conditions and without any contamination (avoid pipetting and decantation).

✓ **METHOD OF ANALYSIS AND CALCULATION**

See the corresponding reagents technical sheet.

✓ **QUALITY CONTROL**

**Accuracy and reproducibility:** analytical performances can be checked with the internal quality control serum of the laboratory or with the Liquichek™ (BIO-RAD) Control sera.

**Calibration:** calibration curve and stability of calibration curve can be validated with the DiAgam calibration control (ASCON-002).

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

✓ **BIBLIOGRAPHY**

Spaun, J. et al., International standard for anti-streptolysin-O. Bull. WHO 24 (1961) 271-279.



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ASO	CAL 1		CAL 2		CAL 3		CAL 4		CAL 5	
	UI/ml		UI/ml		UI/ml		UI/ml		UI/ml	
	certified val.	U*	certified val.	U*	certified val.	U*	certified val.	U*	certified val.	U*
	<b>100</b>	<b>5.0</b>	<b>200</b>	<b>10.0</b>	<b>300</b>	<b>15.0</b>	<b>400</b>	<b>20.0</b>	<b>600</b>	<b>30.0</b>

Values assigned from the 1<sup>st</sup> International Standard for anti-streptolysin-O, human (code ASO). The material has been prepared and characterized by Statens Seruminstitut (SSI), Copenhagen, Denmark