

# S-Monovette® GlucoEXACT

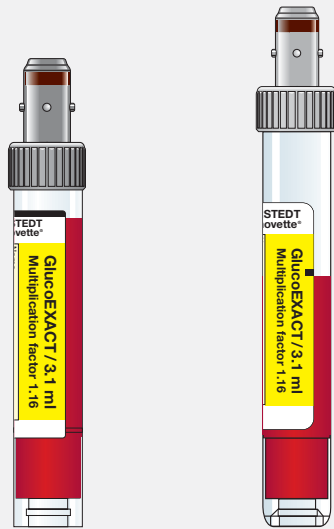
Information for Physicians



## Reliable diagnosis of diabetes and gestational diabetes

- Conforms to DDG\*/DGGG\*\* guidelines on gestational diabetes
- Ultra-fast glycolysis inhibition with fluid preparation
- Optimal glucose stabilisation up to 96 h
- Protects against misdiagnosis
- Citrate/Fluoride is recommended for diabetes screening

## S-Monovette® GlucoEXACT



05.1074.001

04.1945.001

The S-Monovette® GlucoEXACT can be **reliably stabilised up to an impressive 96 h** at room temperature. The citrate fluoride solution in the S-Monovette® mixes directly with the blood during the blood collection process. The mixing process is usually completed by inverting the tube three times. Precise filling of the S-Monovette® GlucoEXACT guarantees reliable sample quality and accurate pre-analytics. In order to obtain an accurate result, the S-Monovette® GlucoEXACT must be filled precisely.

### Plasma glucose level and multiplication factor:

The plasma glucose value (raw glucose value) determined must be **multiplied by a factor of 1.16** due to blood thinning caused by the fluid preparation. The multiplication factor is defined using the volume ratio of blood volume to preparation volume.

## Centrifugation

Standard preparation	2000 x g	2500 x g	3000 x g	3500 x g	4000 x g
S-Monovette® GlucoEXACT, (Citrate/Fluoride)	9 min	8 min	7 min	6 min	5 min

For further information, visit:

[www.sarstedt.com/en/service/centrifugation/](http://www.sarstedt.com/en/service/centrifugation/)

## Ordering Information

Order number	Description	Length x diameter	Packaging
05.1074.001	S-Monovette® GlucoEXACT 3.1 ml	66 x 11 mm	50/500
04.1945.001	S-Monovette® GlucoEXACT 3.1 ml	75 x 13 mm	50/500

\* Deutsche Diabetes Gesellschaft (German Diabetes Society)

\*\* Deutsche Gesellschaft für Gynäkologie und Geburtshilfe (German Society for Gynecology and Obstetrics)

<sup>1</sup> Kleinwechter et al Gestationsdiabetes mellitus (GDM). Evidenzbasierte Leitlinie zur Diagnostik - Therapie und Nachsorge, DDG 08.2011

<sup>2</sup> S3-Leitlinie Gestationsdiabetes mellitus (GDM), Diagnostik, Therapie und Nachsorge, 2. Auflage, DDG, DGGG-AGG 2018

<sup>3</sup> Nauck et al Definition, Klassifikation und Diagnostik des Diabetes mellitus Diabetologie 2017; 12 (Suppl 2):S94-S100 (DDG Praxisempfehlung)

<sup>4</sup> Petersmann et al Definition, classification and diagnostics of diabetes mellitus JLabMed 2018 43(3): 73-79

<sup>5</sup> Sacks et al Guidelines and Recommendations for Laboratory Analysis in the Diagnosis and Management of Diabetes Mellitus, Diabetes Care 34, e61-e99 06.2011

<sup>6</sup> Yagmur et al Effective inhibition of glycolysis in venous whole blood and plasma samples JLabMed 2012 36:169-177

<sup>7</sup> Will et al Whitepaper Sarstedt S-Monovette® GlucoEXACT A blood collection device for stabilizing glucose levels for 96 hours 2016

SARSTEDT AG & Co. KG  
 P.O. Box 12 20  
 D-51582 Nümbrecht  
 Phone: +49 2293 305 0  
 Fax: +49 2293 305 3992  
 export@sarstedt.com  
 www.sarstedt.com