

Instructions for use

Salivette® Cortisol

Its crucial clinical significance makes cortisol one of the most important analytes that can be determined from saliva.

Saliva is optimally recovered using the **Salivette® Cortisol** (Art. No. 51.1534.500) specially designed for cortisol determination from saliva.

The **blue screw cap** visibly distinguishes the Salivette® Cortisol from the other swab versions.

The label provides sufficient writing space for important patient information and the collection time.

The cortisol recovery rate in the Salivette® Cortisol is proven to be almost 100 %, regardless of the cortisol concentration, the saliva volume or the measuring method applied.

Moreover, the dimensionally stable and **biocompatible synthetic swab** stands out for its superior absorption quality and virtually complete saliva recovery under the recommended centrifugation conditions.

A high saliva recovery rate after centrifugation is an important precondition for reliable analysis of even the smallest saliva volumes. Generally, a sample volume of just 50 µl or less is sufficient for cortisol determination. The average saliva volume usually recovered from adults is 1.1 ± 0.3 ml.

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The Salivette® Cortisol is designed to achieve precise analytical values from **small volumes** and/or samples with **very low cortisol levels**.



The patient removes the swab from the Salivette® (see Figs. 1 and 2) and places the swab in the mouth and chews it for about 60 seconds to stimulate salivation (see Fig. 3). Now the swab with the absorbed saliva is returned to the Salivette® (see Fig. 4)...



... and the stopper is replaced immediately (see Fig. 5). Centrifugation for 2 minutes at 1,000 x g yields a clear saliva sample in the conical tube (see Fig. 6). Particles and mucus strands are collected in the specially designed extended tip of the Salivette® tube (see Fig. 7). The closed insert containing the swab is then hygienically disposed. The saliva recovered can now be used for analysis (see Fig. 8).