

LISA-CHE

Brief instruction



DR. F. KÖHLER CHEMIE

Pharmaceuticals



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1 Preparations

1. Turn on the device
2. Log in with your user account
3. Press **Measurement**
4. Choose, if you want to determine the activity of acetylcholinesterase (press **AChE**) or butyrylcholinesterase (press **BChE**)
5. Enter the patient's data and press **Continue**
6. Check the patient's data and press **Yes**

2 Background Measurement

1. Place a cuvette filled with buffer solution into the sample holder
2. Press **Continue**
3. Background measurement starts and is completed after approx. 10 s

3 Determination of hemoglobin concentration

1. Remove the cuvette from the sample holder
2. Unscrew the white cap from the cuvette
3. Put the capillary filled with blood into the cuvette
4. Screw the cap back on the cuvette
5. Shake the cuvette, until the blood has completely left the capillary
6. Insert the cuvette into the sample holder (make sure that the capillary is in the right position) and press **Continue**
7. The measured hemoglobin concentration will be displayed after approx. 10 s

4 Determination of enzyme activity

1. Remove the cuvette from the sample holder
2. Unscrew the white cap from the cuvette
3. Depending on the measuring mode you have chosen, screw the respective reagent cap on the cuvette
4. Invert the cuvette and immediately press **Start**
5. Shake the cuvette for 10 s
6. Place the cuvette into the sample holder within the displayed time (make sure that the capillary is in the right position) and press **Continue**
7. The result will be displayed after approx. four minutes



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