

## iCheck Chroma 3: Instructions and tips on getting started.

Manuals and other instructional materials that we recommend reviewing before starting practical training and use.

1. **User Manual** [\[Link\]](#)
2. **Training Videos:** Found online and on the attached USB. [ [Link1](#) & [Link2](#)]
3. **Performance Guide:** Understand how accuracy of our solution is assessed [\[Link\]](#)
4. **White Paper:** Insights on how iCheck applies to your specific product [\[Link\]](#)
5. **Quick Guide:** A brief recap of essential steps. [\[Link\]](#)
6. **Calculation Sheets:** Excel sheets to record and analyze measurement results [.\[Link\]](#)

- Ensure a charged iCheck device.
- Use the iCheck Training Kit with reagent vials and more. Your kit contains 20 consumable vials.
- Prepare a sample with known Vitamin A concentration.
- Perform at least 5 measurements on a sample and document results on the Calculation Sheet. Record them here [\[Link\]](#)
- Provide us with your documented measurements for our team's review. We'll offer feedback and support to guarantee optimal performance.

### **SPECIAL TIPS FOR STARTING WITH iCHECK CHROMA3:**

For optimal results with the iCheck Chroma3, precise handling is paramount. Here's a step-by-step guide to ensure accuracy:

1. **Mastering the Syringe:**
  - Begin by precisely drawing up 0.1 mL of oil into the syringe.
  - Slowly eject this oil along the side of a simple glass (not the reagent vial). Practice this action 3-5 times to get accustomed to the flow and quantity.
2. **Practice with the Reagent Vial:**
  - Start with a fresh reagent vial and turn on the iCheck device.
  - Follow the standard measurement protocol, but do not inject the oil.
  - Concentrate on shaking the vial at the correct speed and inserting it into the device with precise timing.
  - Practice this step 5 to 10 times to perfect your technique.
3. **Performing Real Measurements:**
  - Once you're confident in handling both the syringe and the reagent vial, proceed to perform actual measurements with the oil sample.
  - If, after 3 repeated measurements, your Coefficient of Variation (CV) is higher than 13%, please review the protocol.
  - Practice the measurement protocol again without injecting the sample, repeating 5-10 times.
  - After this, perform three real measurements again.
4. **Send Us Your Results:**
  - Share your findings with us. Based on your results, we can provide additional guidance or support as needed.