

Optimized stool extraction procedure

Now: Centrifuge the EliA™ Stool Extraction Kit 2 tube

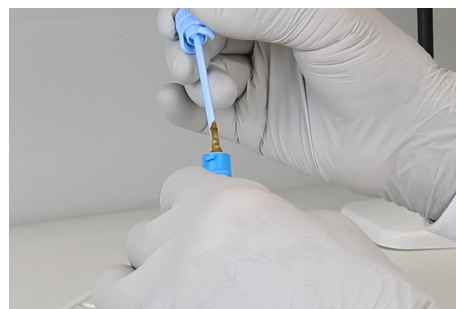
Extraction using the EliA Stool Extraction Kit 2 (order no. 14-5651-01, 50 tubes). The extraction tubes are pre-filled with 1300 µl of EliA Calprotectin 2 Extraction Buffer.



1 Unscrew the tube's cap by turning the upper, light blue part of cap counterclockwise and pull out the light blue rod.



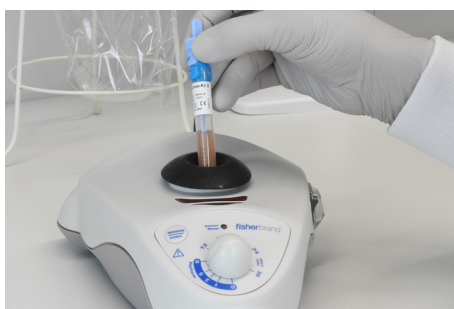
2 Insert the light blue rod into the stool sample. Be sure that all notches at the lower part of the rod are completely covered with stool. If there is stool at the bottom tip of the rod, strip it off.



3 Insert the rod back into the tube carefully. Excess material will be stripped off, and a defined amount of stool sample will remain in the notches.



4 Lock the tube firmly by turning the light blue part of the cap clockwise.



5 Homogenize the stool sample completely using a vortex mixer. In case of very solid stool samples it may help to soak the sample in the tube for 10 minutes before homogenizing it.



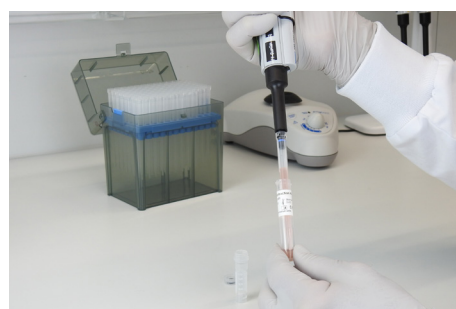
6 Make sure that no stool sample remains in the notches. Afterwards incubate for 10 minutes.



7 Centrifuge the EliA Stool Extraction Kit 2 tube for 5 minutes at 3000 x g.



8 Unscrew the complete cap by turning the lower, dark blue part of the cap counterclockwise. Discard complete cap and rod.



9 Transfer the supernatant to a fresh tube. The supernatant is the extract used for testing.

The stool extract can be stored at room temperature for max. 3 days, at 2–8°C for max. 7 days, and at ≤ -20°C for max. 3 months.

Find out more at thermofisher.com/elia and allergyai.com.