Lyfstone® Calprotectin for Synovial Fluid

Rapid test ruling out Prosthetic Joint Infection in 15 minutes

- LOW risk for infection: Calprotectin levels <14 mg/L
- MODERATE risk for infection: Calprotectin levels 14 - 50 mg/L
- HIGH risk for infection: Calprotectin levels ≥50 mg/L

Fast, Precise, Cost-saving, User friendly
LYFSTONE CALPROTECTIN FOR SYNOVIAL FLUID

Synovial Fluid (SF) should be collected and stored in sample collection tubes without EDTA, Heparin or Citrate.

The calprotectin measurement should be conducted within 2 hours of sampling.

1. Take one sample diluent tube, one rapid test cassette and the support frame from the kit

   Log in on the Lyfstone app

2. Using a lab grade pipette, aspirate 20 μl synovial fluid from the collection tube, using a pipette tip with filter

3. Add the 20 μl synovial fluid to the extraction tube

4. Invert the tube 10x to homogenize the solution

5. Add 80 μl extracted sample to the round well of the test cassette and incubate at room temperature for exactly 15 minutes

6. • Make the measurement using the Lyfstone app within two minutes
   • Hold the smartphone above the sample and align the screen layout with the support frame
   • The measurement is conducted automatically
   • The Calprotectin concentration and the risk stratification group of the sample is displayed on the screen

7. • Provide sample ID to the result
   • Save the measurement
   • Saved measurements are automatically transferred to a database
   • See package insert for interpretation of results
Lyfstone Calprotectin test is CE-IVD registered in compliance with Directive 98/79/EC.