

1. Aspiration

- Aspirate the Synovial Fluid (and **NOT other liquids**) from the joint (hip, knee, shoulder) having the implant.
- **Do NOT inject saline solution** in the joint prior to the aspiration.
- Remove purple cap from the dilution bottle, set aside.



2. Synovial fluid

- Dispense the synovial fluid into the sample cup.
- Make sure the **synovial fluid is as pure as possible** (dark red samples have **NOT** to be used) – no more than 20% blood contamination



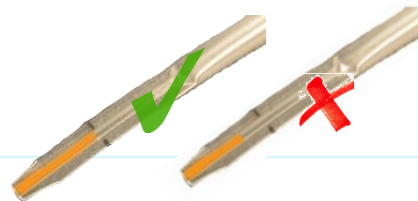
3. Pipette (1)

- Place a **dry Microsafe® tube horizontally in the cup**. Do NOT bend the pipette.
- Position the tip of the pipette at the edge of the cup.
- Turn the cup gently till the fluid reaches the tip



4. Pipette (2)

- **Do NOT squeeze the bulb.**
- Make sure the **liquid reaches the black line** of the pipette



5. Dilution

- a. Dip the pipette in the bottle and squeeze it multiple times
- b. Remove the pipette and squeeze it one last time, so that the residual liquid falls in the bottle
- c. Recap the bottle and mix by gentle inversion



7. Cassette (1)

- Open the transparent cap of the bottle
- Throw away the first couple of drops
- Make sure the bottle is as vertical as possible above the cassette, 3 to 5 cm from the cassette
- Deposit **3** drops on the sample well of the cassette, **NOT in the result window**



8. Cassette (2)

- Make sure the cassette is flat during the entire process
- If after 30 seconds no pink colour flows across the result window, add a **4th drop**



No need of the 4th drop



4th drop needed



9. Results

- Read the results **10 minutes** after depositing the drops.
- Do **NOT** read the results after 20 minutes



10. Interpretation of the results

