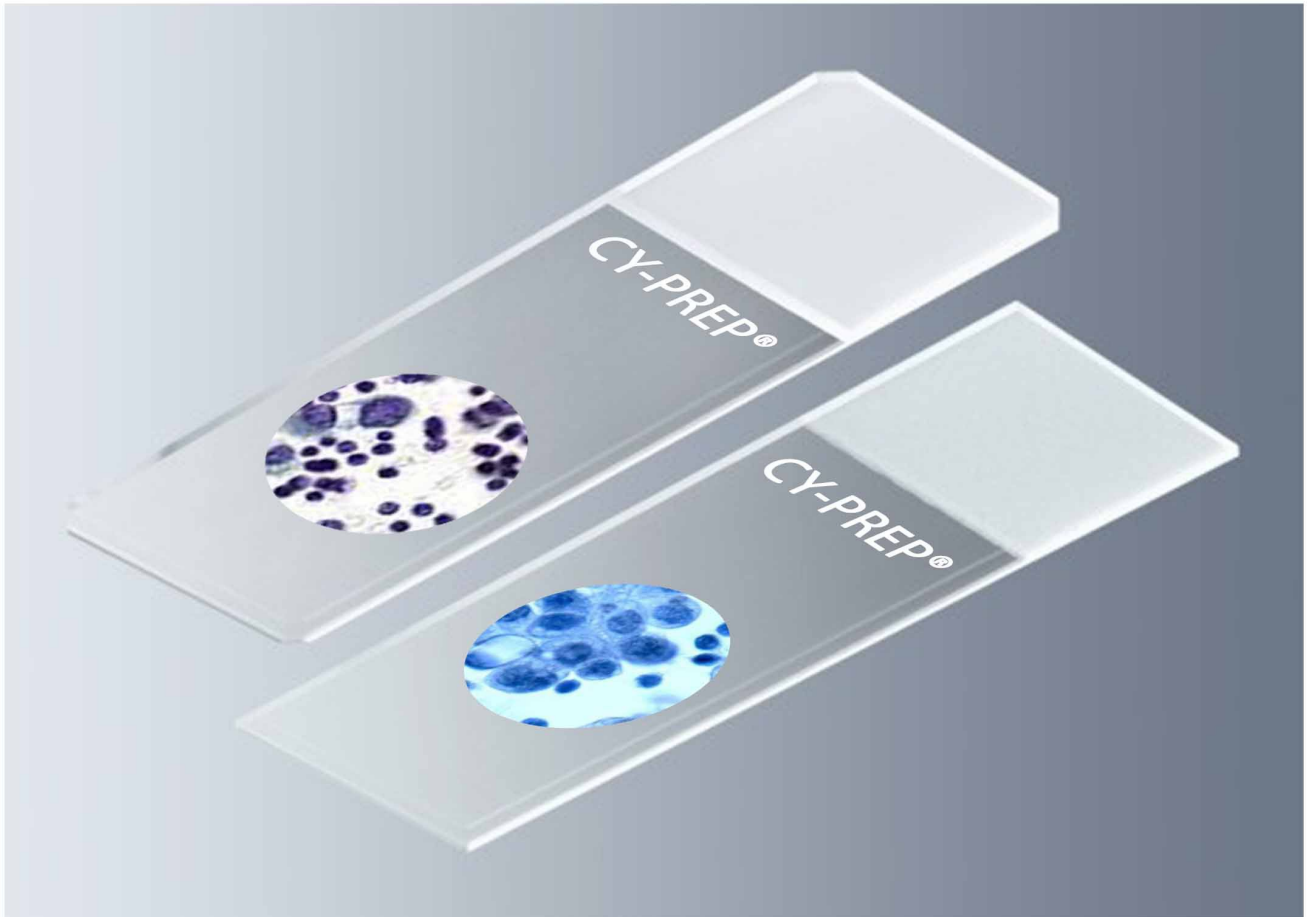


DIAGNOSTIC CYTOPATHOLOGY SOLUTION

SEDICYT™: Thin Layer Liquid Based Cytology Preparation for non-gynaecological specimen



The only non-gynaecological liquid based cytology preparation assay with a concentration recovery yield of up to 100% of cellular materials from specimen, significantly improving the diagnostic sensitivity and adequacy of cytologic evaluation.

PRODUCT: SEDIPREP® - PS50 - 0300 CY-PREP® FILTER SLIDE - 6887 - 0300(NG) CYPREP® LYSIS SOLN - 6881 - 2300



www.fjorddiagnostics.com



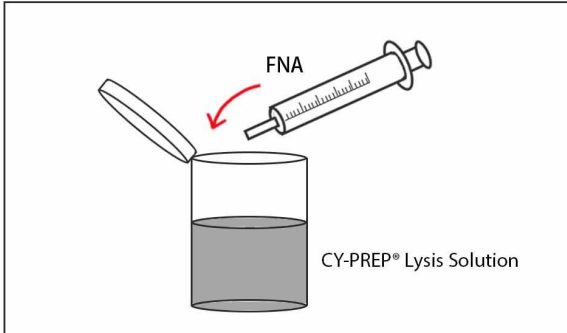
MDS GmbH
Schiffgraben 41
30175 Hannover, Germany



SEDIPREP® is a registered trademark of Fjord Diagnostics.
Patents issued to Fjord Diagnostics, or cross licensed to Fjord Diagnostics for the SEDIPREP® Sample Preparation.

SAMPLE PREPARATION FOR FINE NEEDLE ASPIRATES

Fine Needle Aspirates (FNA)

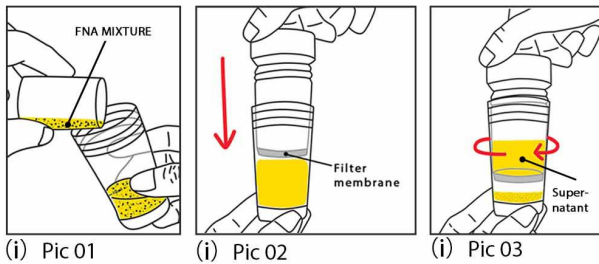


(1) Specimen Collection

Collect FNA specimen directly into the 20 ml pre-filled CY-PREP® Lysis Solution vial. CY-PREP® Lysis Solution is an alcohol-based buffer for cell wash and transport of cytology specimen.

For non-alcohol fixed specimen clinically indicated, specimen can be collected in a balance electrolyte solution (BES). Replace BES with CY-PREP® Lysis Solution by using the SEDIPREP® Sample Preparation Process when sample arrived in the laboratory.

Step (i) :



(2) Specimen Concentration

- Recovery of the cellular materials from the specimen to be processed with the size exclusion Reverse Filtration SEDIPREP® device.

Step (i) :

Pour 15 ml of FNA mixture into the SEDIPREP® Container Unit up to the line marking. (Pic 01)

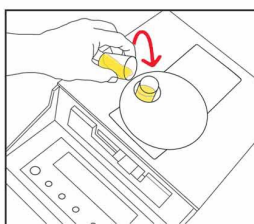
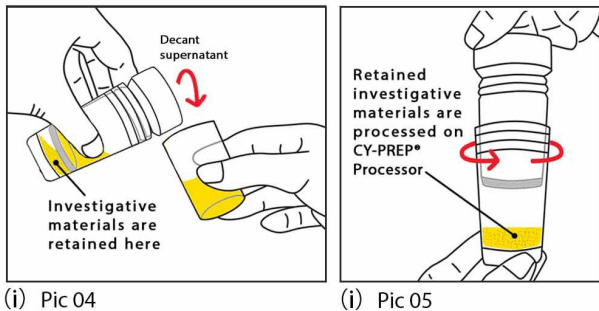
Slid the SEDIPREP® Filter Unit axially into the SEDIPREP® Container Unit and fasten in a clockwise direction to remove unwanted supernatant that has entered into the SEDIPREP® Filter Unit chamber. (Pic 02 & 03)

Decant the supernatant, unfasten the SEDIPREP® Filter Unit from the Container Unit. (Pic 04 & 05)

Note : *If the recovered cellular materials still reddish, further add another 10 ml of CY-PREP® Lysis Solution and REPEAT Step (i) above*

Step (ii) :

Pour the balance FNA mixture into the Container Unit holding the earlier recovered cellular materials, and REPEAT Step (i) above, especially for specimen from sources that are of low cellular materials concentration.



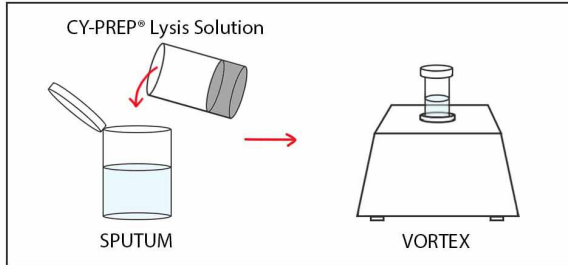
(3) Process on CY-100 Processor

Pour the entire recovered cellular materials obtained from (2) into the dual filter chamber mounted on the CY-100 Processor for processing of the non-gynaecological LBC slide.

(4) Fix, Stain and Evaluate

SAMPLE PREPARATION FOR MUCOID SPECIMENS

Mucoid Specimens (Respiratory and Gastrointestinal)



(1) Specimen Collection

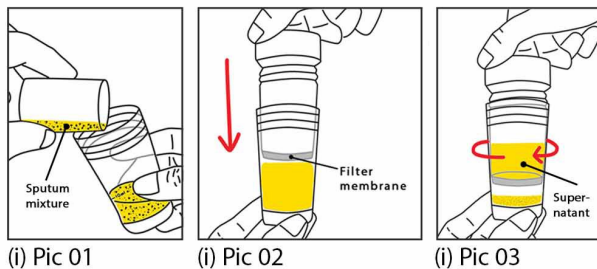
Sputum : Collect sample directly into a sputum container. Add 20 ml of CY-PREP® Lysis Solution into the sputum container with the sample and vortex for 3-5 seconds. Let sputum mixture stand for 10 minutes, before proceeding to Specimen Concentration

Step (i).

Brushings : Rinse the collection brush directly into the 20 ml pre-filled CY-PREP® Lysis Solution vial.

Washings/Lavages : Collect sample in a balance electrolyte solution (BES). Replace BES with CY-PREP® Lysis Solution by using the SEDIPREP® Sample Preparation Process when sample arrived in the laboratory.

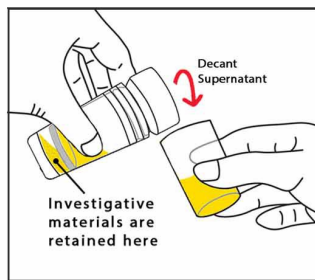
Step (i)



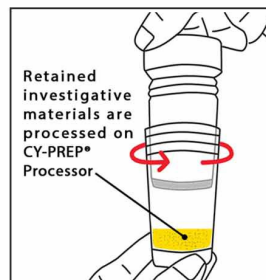
(i) Pic 01

(i) Pic 02

(i) Pic 03



(i) Pic 04



(i) Pic 05

(2) Specimen Concentration

Recovery of the cellular materials from the specimen to be processed with the size exclusion Reverse Filtration SEDIPREP® device.

Step (i) :

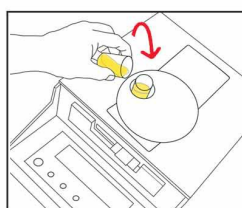
Pour 15ml of sputum mixture into the SEDIPREP® Container Unit up to the line marking. (Pic 01)

Slid the SEDIPREP® Filter Unit axially into the SEDIPREP® Container Unit and fasten in a clockwise direction to remove unwanted supernatant that has entered into the SEDIPREP® Filter Unit chamber. (Pic 02 & 03)

Decant the supernatant, unfasten the SEDIPREP® Filter Unit from the Container Unit. (Pic 04 & 05)

Step (ii) :

Pour the balance sputum mixture into the Container Unit holding the earlier recovered cellular materials, and REPEAT Step (i) above, especially for specimen from sources that are low in cellular materials concentration.



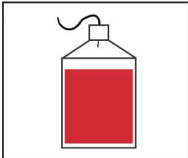
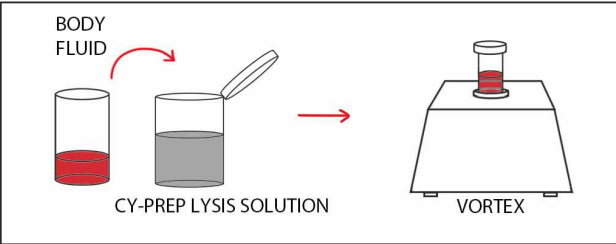
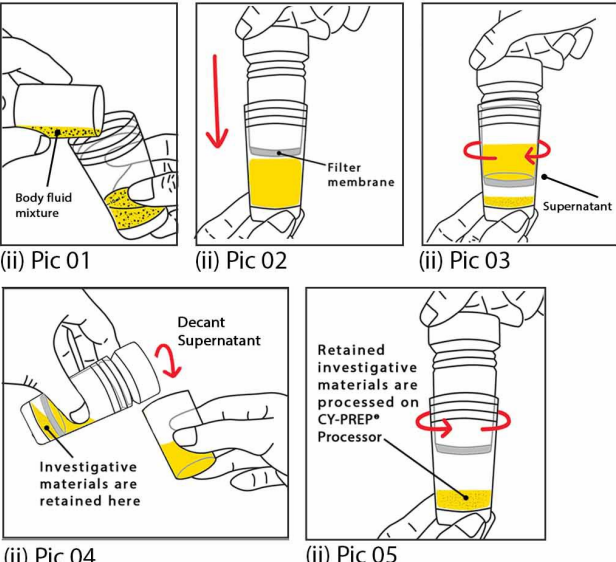
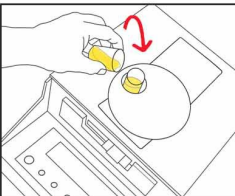

(3) Process on CY-100 Processor

Pour the entire recovered cellular materials obtained from (2) into the dual filter chamber mounted on the CY-100 Processor for processing of the non-gynaecological LBC slide.

(4) Fix, Stain and Evaluate

SAMPLE PREPARATION FOR BODY FLUIDS

Body Fluids (Serous Effusions, Urinary and Cerebrospinal Fluids)

	<p>1) Specimen Collection Collect body fluids fresh.</p>
<p>Step 2 (i) :</p>  <p>Step 2 (ii):</p> 	<p>(2) Specimen Concentration Recovery of the cellular materials from the specimen to be processed with the size exclusion Reverse Filtration SEDIPREP® device.</p> <p>For bloody body fluid, wash with the CY-PREP® Lysis Solution, i.e. lysed RBC materials will be filtered out as supernatant with the SEDIPREP® device.</p> <p>Step (i) : Start by adding 10 ml of the bloody body fluids into a 20 ml pre-filled CY-PREP® Lysis Solution vial and vortex for 3-5 seconds. Let mixture stand for 10 minutes before proceeding to Step (ii).</p> <p>(If more than 10 ml of bloody body fluids collected, REPEAT Step (i) with the next 10 ml body fluids into another 20 ml pre-filled CY-PREP® Lysis Solution, and next...)</p> <p>Step (ii) : Pour 15 ml of the body fluid mixture from Step (i) into the SEDIPREP® Container Unit up to the line marking. (Pic 01)</p> <p>Slid the SEDIPREP® Filter Unit axially into the SEDIPREP® Container Unit and fasten in a clockwise direction to remove unwanted supernatant that has entered into the SEDIPREP® Filter Unit chamber. (Pic 02 & 03)</p> <p>Decant the supernatant, unfasten the SEDIPREP® Filter Unit from the Container Unit. (Pic 04 & 05)</p> <p>Step (iii) : REPEAT Step (ii) for the balance body fluid mixture, using 15 ml each time to pour into the same SEDIPREP® Container Unit holding the earlier recovered cellular materials.</p>
 	<p>(3) Process on CY-100 Processor Pour the entire recovered cellular materials obtained from (2) into the dual filter chamber mounted on the CY-100 Processor for processing of the non-gynaecological LBC slide.</p>
	<p>(4) Fix, Stain and Evaluate</p>