

# Liquid-based cell processes reagent kits

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The same dosage and the same reagent are used for gynecology or non-gynecology exfoliated cells' detection.

With the combination of natural decantation principle and centrifuge.

## **Cell smear**

## ***Fastest***

Automatic liquid-based thin layer cell slide making centrifuge: 300-500r, 6-12piece (depend on the quantity of slides in device) per minute.

## **Cell smear**

## ***Best quality***

Automatic hemolysis without any extra processing,the reagent does not contain organic salt to prevent altrastructure from injury.Cell samples can last 180 days after adding cell preservation solution in it.Washing cell smear when it's drenched and fixing,it truly achevie non-overlapping and non-fading of the cells thin layer.

## **Slide-making**

## ***Highest efficiency***

Easy preprocessing,one person one machine(liquid-based thin layer cytologic filmmaking centrifuge),hand making Pap stain, high yield with 300-500 piece per day.

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# Liquid-based cell processing reagent kits

## Steps for Liquid-based thin layer cell smear making with centrifuge

### Preprocessing(Heating mucus for catalytic cracking.)

Confirming preservation solution cap on the bottle was screwed,putting the mucus into vortex mixer,mixing for 5 minutes.

Preprocessing follows below according to the requirement of the time of report on treatment.



1.Reporting on the same day:putting mucus into incubator for 1.5-2 hours at temprature 45°C (3-4 hours for sputum samples)



2.Reporting at the next day: putting mucus into incubator for one night(no more than 18 hours),temprature 40°C



3.Reporting promptly:Shaking mucus for 1 minute,then holding it for 5-10 minutes.While all surging vesicles in the bottle floated on the surface and keeping static,inserting straw into clarified section of the sample,absorbing 4-6ml sample liquid and then start to make cell smear.

## Cell smear making steps

Before making the smear, put the preprocessed cell sample liquid into vortex mixer, mixing for 0.5 minute, then processing it as below steps:



Marking slide which are processed by the anti-off technology and putting it into test tube rack face up. Screw up smear cabin cling



Absorbing pure water or distilled water with 1.5-6ml, injecting it into tube, then absorbing 0.3-6ml liquid of cell sample which was preprocessed acrossing filter tube to the smear making cabin.

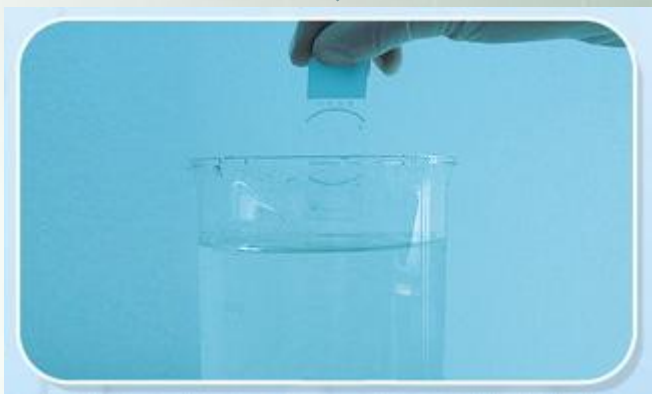


Putting them into TCT centrifuge symmetrically.





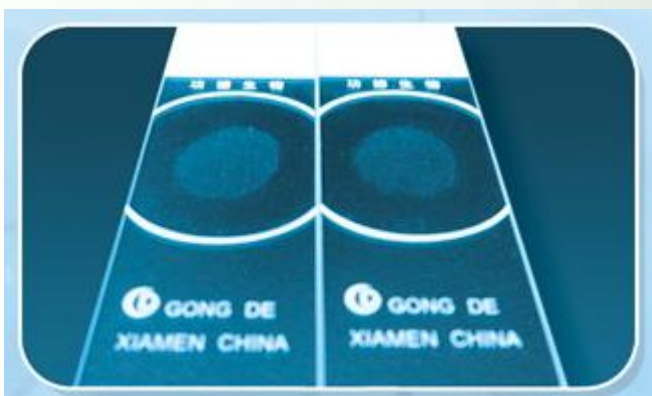
Starting TCT centrifuge,300-500r/m for one minute.



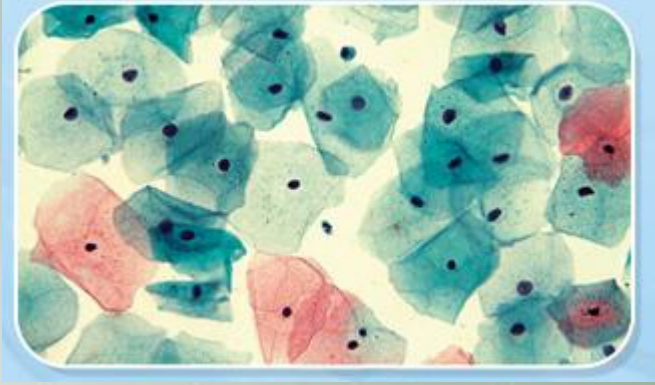
Taking test tube rack out and dump the water out from it,meanwhile vertically dipping the slide into water for 5-6 times.



Immersing wet slide into 95% ethanol,ixing,then Pap or HE stainning;coverslipping with neutral gum;microscopy.



Status of the wet slide attached on the glass slide after washing,before stainning.



**Cell diagram after Pap stain.**

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