

## FUJI DRI-CHEM PLASMA FILTER PF

**[Warnings and precautions]**

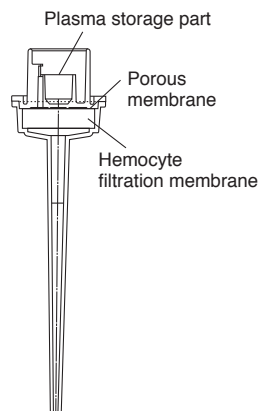
1. Use a new PF for each specimen. Do not reuse PFs.
2. The blood plasma collected through the PF must not be used with any analyzing device except the designated one.
3. Use the PF as soon as it is taken out from the package. Never use the one which has dropped on the floor after opening the package.
4. Do not touch the nozzle of the PF.
5. For some test items to be measured using PFs, correction coefficients are specified and recorded in the PF card. (The coefficients and the items related to them are printed on the PF card.) When using a PF for the first time or using one taken from a new box, be sure to have the PF card read in FUJI DRI-CHEM's designated analyzing device.
6. From a specimen with hemocytes precipitated, a sufficient amount of blood plasma may not be collected. Be sure to turn the blood collection tube upside down several times to mix the contents before placing it on the sample rack.
7. Use the blood collection tubes of the designated sizes  $\phi 13$  mm (12 to 13.3 mm x 100 mm or 75 mm)/  $\phi 16$  mm (15 to 16 mm x 100 mm) containing heparin. Do not use a blood collection tube containing a substance which may cause the sample suction nozzle of PF to become clogged, such as hemocyte isolation agent.  
The necessary amount of the specimen is 6 mL or more for the blood collection tube of  $\phi 13$  x 100 mm, 3 mL or more for that of  $\phi 13$  x 75 mm, or 6.5 mL or more for that of  $\phi 16$  x 100 mm.
8. To reexamine the blood plasma collected through a PF, place the blood collection tube containing the PF on the sample rack and press the RERUN key.
9. Keep the PF card away from magnets.
10. Do not use the PF if the individual package is damaged.
11. Used PFs are categorized as infectious waste. Make sure to dispose of them in accordance with the Waste Disposal Law and other related regulations, which prescribe the proper method of disposal, such as incineration, melting, sterilization or disinfection.
12. Note that a decrease in the CKMB level of about 3U/L has been confirmed.
13. The GPT(ALT) level of blood plasma filtered through the PF may become less active over time. To measure GPT(ALT), place the slide on the cartridge so that it is measured at the beginning of the colorimetric test.  
Do not remeasure the GPT(ALT).

**[Composition]**

The composition of FUJI DRI-CHEM PLASMA FILTER PF is shown in the illustration at the right.

Cartridge : Polystyrene

Membrane : Polysulfone, Glass micro fiber

**[Intended use]**

Isolation and collection of blood plasma from the whole blood with heparin added.

**[Principle]**

By applying suction at the opening on the top of the PF, the blood comes in from the nozzle at the bottom of the PF. When the blood reaches the hemocyte filtration membrane, isolation of hemocytes and blood plasma starts. With the porous membrane, the hemocytes coming through the hemocyte filtration membrane are completely removed. Only the blood plasma comes out of the discharging part and flows into the plasma storage part.

**[Additional special equipment]**

Analyzer : FUJI DRI-CHEM ANALYZER (with the PF function)

Other implement : PF card (attached)

**[Applicable slides]**

ALB-P, ALP-P, AMYL-P, BUN-P, Ca-P, CHE-P, CKMB-P<sup>\*1</sup>, CPK-P, CRE-P, DBIL-P, GGT-P, GLU-P, GOT/AST-P, GPT/ALT-P<sup>\*2</sup>, HDLC-P, IP-P, LAP-P, LDH-P, LIP-P, Mg-P, NH<sub>3</sub>-P, TBIL-P, TCHO-P, TG-P, TP-P, UA-P, Na-K-Cl, CRP-S

\*1) See [Warnings and Precautions] item 12

\*2) See [Warnings and Precautions] item 13

**[Not applicable slides]**

TCO<sub>2</sub>-P

**[Specimen requirements]**

1. FUJI DRI-CHEM PLASMA FILTER PF is designed only for human whole blood use.
2. Blood plasma can be collected from the whole blood having hematocrit level (Hct) of 20 to 55%. As Hct increases, a smaller amount of blood plasma is collected. When the Hct is 55%, about 185  $\mu$ L of blood plasma is collected. The specimen having 30% to 50% of Hct does not show a significant influence on the measured value.
3. In the whole blood specimen with heparin added, glucose decreases due to glycolysis. To measure glucose, perform the measurement immediately after collection of blood.

**[Procedure]**

1. Have the PF card read in the designated analyzer.
2. Add the designated amount of whole blood with heparin added in the blood collection tube, and turn the tube upside down five or six times to mix the contents. Remove the cap and place the tube on the sample rack for PF of the designated analyzing device.
3. Insert the PF into the tube.
4. Press the START key. Suction of the specimen automatically starts to isolate the blood plasma.  
For further details of operation procedure, consult "INSTRUCTION MANUAL" for FUJI DRI-CHEM ANALYZER.

**[Storage and shelf life]**

1. Storage: Store the unpacked PF at room temperature.
2. Expiry date is printed on the carton.

**[Contents]**

: PLASMA FILTER PF 50

: PF card 1



Consult "INSTRUCTION MANUAL" for FUJI DRI-CHEM ANALYZER or at <http://www.fujifilm.com/products/medical/>



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