

FLUID A, FLUID D, FLUID K

APPLICATION	Fluid A, D and K are used as the diluting or rinsing solutions for membrane filtration. These solutions comply with the recommendations of the harmonized method in the United States Pharmacopoeia (USP) and European Pharmacopoeia (EP) for rising membranes during sterility testing by filtration.																								
PRINCIPLE AND INTERPRETATION	<p>Fluid A is a liquid used for dissolving or diluting samples without affecting the viability of contaminating microorganisms.</p> <p>Fluid D is a liquid used for performing sterility tests of articles containing lecithin or oil using membrane filtration. Fluid D is Fluid A supplemented with 0.1% Tween 80.</p> <p>Fluid K is a liquid used for performing sterility tests of petrolatum solutions or oil and oily solutions using membrane filtration.</p> <p>Animal peptone and beef extract provide nitrogen, vitamins, minerals and amino acids essential for growth. Tween 80 lowers interfacial tension around bacteria which may be suspended in a medium and permits more rapid entry of desired compounds into the bacterial cell.</p> <p>The addition of the neutralizing agents may inactivate a variety of disinfectants.</p>																								
MEDIUM COMPOSITION*	FLUID A	Animal peptone1.00 g/l Final pH 7.1 ± 0.2 * Adjusted and /or supplemented as required to meet performance criteria																							
	FLUID D	Animal peptone5.00 g/l Tween 800.1% Final pH 7.1 ± 0.2 * Adjusted and /or supplemented as required to meet performance criteria																							
	FLUID K	Animal peptone5.00 g/l Beef extract3.00 g/l Tween 801% Final pH 6.9 ± 0.2 * Adjusted and /or supplemented as required to meet performance criteria																							
	FLUID A+ TWEEN80	<table border="1"> <thead> <tr> <th>Additive</th> <th>FLUID A + 0.1% Tween80</th> <th>FLUID A + 1% Tween80</th> <th>FLUID A + 2% Tween80</th> <th>FLUID A + 3% Tween80</th> </tr> </thead> <tbody> <tr> <td>Animal peptone</td> <td>1.00 g/L</td> <td>1.00 g/L</td> <td>1.00 g/L</td> <td>1.00 g/L</td> </tr> <tr> <td>Tween 80</td> <td>0.1%</td> <td>1.0%</td> <td>2.0%</td> <td>3.0%</td> </tr> <tr> <td colspan="5">Final pH 7.1 ± 0.2</td> </tr> </tbody> </table>	Additive	FLUID A + 0.1% Tween80	FLUID A + 1% Tween80	FLUID A + 2% Tween80	FLUID A + 3% Tween80	Animal peptone	1.00 g/L	1.00 g/L	1.00 g/L	1.00 g/L	Tween 80	0.1%	1.0%	2.0%	3.0%	Final pH 7.1 ± 0.2							
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	FLUID A+ TWEEN80+ LECITHIN+ HISTIDINE	Animal peptone1.00 g/l Tween 803.0% Lecithin0.3% Histidine0.1% Final pH 7.1 ± 0.2 * Adjusted and /or supplemented as required to meet performance criteria																							

FLUID A, FLUID D, FLUID K

STORAGE	+2/+25°C Protect from light, excessive heat, moisture and freezing
STERILIZATION	Autoclaved
QUALITY CONTROL	Sterility control: no growth
GENERAL WARNING NOTES	Device must be handled according to asepsis precautions, of utilization of culture media is strictly referred to the type of analysis that must be done. Please refer to specific norms and procedures. Do not use if device is broken. Do not use if media shows accidental contamination signs. Do not utilize after expiry date. Let device reach room temperature before utilizing. Results interpretation must be done by qualified personnel, who must consider context of use. Disposal of waste must be carried out according to national and local regulations in force.

These items are available in:

➤ **Sterile bottled FLUID A**

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
100ml	005.1/30P.100	005.1/30P.100.10 (10 bottles/pack)	100ml in 125ml volume, PP28 polypropylen screw cap with two Septum	2 years
		005.1/30P.100.50 (50 bottles/pack)		
300ml	005.1/32P.300	005.1/32P.300.10 (10 bottles/pack)	300ml in 500ml volume, PP28 polypropylen screw cap with two Septum	2 years
300ml	005.1/32FLP32.300	005.1/32FLP32.300.10 (10 bottles/pack)	300ml in 500ml volume, 20 mm Flip-off with septum	2 years
500ml	005.1/33P.500	005.1/33P.500.10 (10 bottles/pack)	500ml in 1000ml volume, PP28 polypropylen screw cap with two Septum	2 years
500ml	005.1/32FLP32.500	005.1/32FLP32.10 (10 bottles/pack)	500ml in 500ml volume, 20 mm Flip-off with septum	2 years
800ml	005.1/33PSC28.800	005.1/33PSC28.800.10 (10 bottles/pack)	800ml in 1000ml volume, PP28 Screw cap bottle	2 years
1000ml	005.1/33P.1L	005.1/33P.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 polypropylen screw cap with two Septum	2 years
1000ml	005.1/33PSC28.1L	005.1/33PSC28.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 Screw cap bottle	2 years

FLUID A, FLUID D, FLUID K

➤ Sterile bottled FLUID A (Single Wrapping)

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000ml	005.1/S3P.1L	005.1/S3P.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 polypropylen screw cap with two Septum. <i>Bottle Sterile Single Wrapped.</i>	2 years

➤ Sterile bottled FLUID A + 3% Tween 80

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000ml	005.2/33PSC28.1L	005.2/33PSC28.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 Screw cap bottle	2 years

➤ Sterile bottled FLUID A + 0.1% Tween 80

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000ml	005.2A/33P.1L	005.2A/33P.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 polypropylen screw cap with two Septum.	2 years

➤ Sterile bottled FLUID A + 1% Tween 80

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000ml	005.2B/33P.1L	005.2B/33P.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 polypropylen screw cap with two Septum.	2 years

➤ Sterile bottled FLUID A + 2% Tween 80

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000ml	005.2C/33P.1L	005.2C/33P.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 polypropylen screw cap with two Septum.	2 years

FLUID A, FLUID D, FLUID K

➤ Sterile bottled FLUID D

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
100ml	005.3/30P.100	005.3/30P.100.10 (10 bottles/pack)	100ml in 100ml volume, PP28 polypropylen screw cap with two Septum	2 years
		005.3/30P.100.50 (50 bottles/pack)		
500ml	005.3/32FLP32.500	005.3/32FLP32.10 (10 bottles/pack)	500ml in 500ml volume, 20 mm Flip-off with septum	2 years
700ml	005.3/33P.700	005.3/33P.700.10 (10 bottles/pack)	700ml in 1000ml volume, PP28 polypropylen screw cap with two Septum	2 years
800ml	005.3/33PSC28.800	005.3/33PSC28.800.10 (10 bottles/pack)	800ml in 1000ml volume, PP28 Screw cap bottle	2 years
900ml	005.3/33P.900	005.3/33P.900.10 (10 bottles/pack)	900ml in 1000ml volume, PP28 polypropylen screw cap with two Septum	2 years
1000ml	005.3/33P.1L	005.3/33P.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 polypropylen screw cap with two Septum	2 years

➤ Sterile bottled FLUID K

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
300ml	005.4/32P.300	005.4/32P.300.10 (10 bottles/pack)	300ml in 500ml volume, PP28 polypropylen screw cap with two Septum	2 years
800ml	005.4/33PSC28.800	005.4/33PSC28.800.10 (10 bottles/pack)	800ml in 1000ml volume, PP28 Screw cap bottle	2 years
900ml	005.4/33P.900	005.4/33P.900.10 (10 bottles/pack)	900ml in 1000ml volume, PP28 polypropylen screw cap with two Septum	2 years

FLUID A, FLUID D, FLUID K

➤ **Sterile bottled FLUID A + 3% TWEEN 80+ 0.3% LECITHIN +0.1% HISTIDINE**

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000ml	005.5L/33P.1L	005.2L/33P.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 polypropylen screw cap with two Septum.	2 years

Customized filling volumes and formulations are available upon request

To receive information please

contact info@cpcbiotech.it