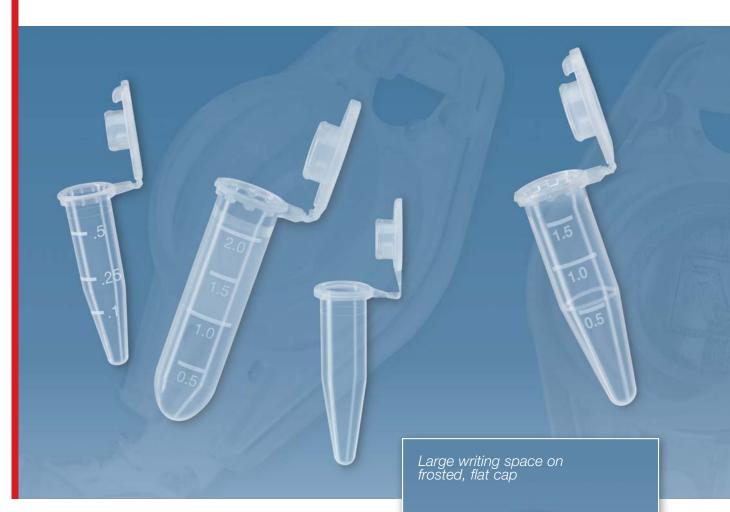
Micro Tubes



- Low binding micro tubes
 Minimal sample loss
- SafeSeal micro tubes Optimal sealing properties
- Standard micro tubes The all-around solution





Low Binding Micro Tubes

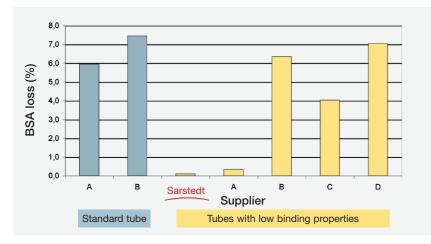


Minimal sample loss

As the trend towards decreasing sample volumes continues, it is increasingly important to minimize potential interaction between the analyte and tube. Our low protein and new low DNA binding micro tubes are specifically designed to meet the requirements in protein and DNA analytics while maximizing recovery rates.

Aside from small volumes, minimizing protein and DNA loss is particularly essential for low concentration samples to enable further analysis.

Low protein binding – a comparative illustration of average BSA loss:

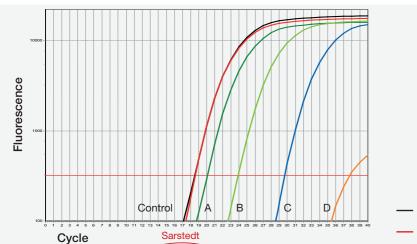


Test procedure:

10 test tubes each from several suppliers were filled with an aqueous BSA solution in a concentration of 10 µg/ml in water and stored at 4°C. After 24 hrs. incubation, the BSA solution was extracted and the concentration determined by means of a Bradford assay (Zor, T and Seliger /. 1996, Anal. Biochem. 236, pp. 302 to 308).

The percentage loss calculation was based on the average value established for the 10 tubes tested.

Low DNA binding – a comparative illustration of DNA loss:



Test procedure:

10 test tubes each from several suppliers were filled with a 100 µl plasmid DNA solution in a concentration of 10⁵/µl and shaken at 37°C. After 3 hrs. incubation, the DNA content was determined by Real Time PCR.

The diagram shows one of these 10 test series as an example.

- Control	— Supplier A	— Supplier C
- Sarstedt	— Supplier B	- Supplier D

Ordering Information

Order No.	Micro Tube	Volume	Packaging		
72.704.600	Low Protein Binding	0.5 ml	50 peo (beg • 200 (ipper bey • 1 200 peo (ceop		
72.704.700	DNA Low Binding	0.5 m	50 pcs./bag • 300/inner box • 1,200 pcs./case		
72.706.600	Low Protein Binding	1.5 ml			
72.706.700	DNA Low Binding	III 6.1	50		
72.695.600	2.695.600 Low Protein Binding	2 ml	50 pcs./bag • 200/inner box • 800 pcs./case		
72.695.700	DNA Low Binding				





SafeSeal Micro Tubes

Optimal sealing properties



- (2.0 ml to 25,000 x g*)

*Filled to nominal volume with double distilled water (low surface tension), 20°C, 90 min. fixed angle rotor

Ordering information



*Available on request



- The SafeSeal locking cap mechanism ensures a secure seal for routine use and is ideally suited for thermal applications.
- To meet the requirements in medical and molecular biological research, all tubes are available in three purity standards.
- SafeSeal locking cap for applications under thermal stress
- Centrifugation to 30,000 x g*
- Wide hinge for easy and safe closure
- Large writing space on cap
- 3 purity standards for sensitive applications

1.5 ml		2.0 ml		
).	Packaging	Order No.	Packaging	
		72.695.500		
)1		72.695.001		
)2	250/bag 1,000/inner box	72.695.002	250/bag	
)4	2,000/rinier box 2,000/case	72.695.004	1,000/inner box	
)5		72.695.005	2,000/case	
)6		72.695.006		
	—	72.695.007		
00	250/bag 1,000/inner box 2,000/case	72.695.400	250/bag 1,000/inner box 2,000/case	
00	50/bag 250/inner box 500/case	72.695.200	50/bag 250/inner box 500/case	
)1	individually wrapped 60/inner box 120/case	72.695.201	individually wrapped 60/inner box 120/case	



The all-around solution



- Centrifugation to 20,000 x g*
- Wide hinge for easy and safe closure
- Large writing space on cap
- 6 colour options

*Filled to nominal volume with double distilled water (low surface tension), 20°C, 90 min. swing-out rotor

Ordering Information



Volume	().5 ml		I.5 ml	2.	0 ml
Description	Order No.	Packaging	Order No.	Packaging	Order No.	Packaging
neutral	72.699	1,000/bag 5,000/case	72.690.001	500/bag 5,000/case	72.691	500/bag 5,000/case
red	72.699.001	500/bag 5,000/case	72.690.477		72.691.002	
yellow	72.699.002		72.690.478		72.691.004	
blue	72.699.003		72.690.475		72.691.006	
green	72.699.004		72.690.476		72.691.005	
violet	72.699.005		72.690.007		72.691.007	
brown	-		72.690.004		72.691.001	
neutral "EASY CAP"	-		72.690.550			

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