



**VENOSAFE**<sup>TM</sup>

**Polyolefin gel with EDTA**

**Safety for  
viral load testing**

- **PET — shatter resistant**
- **Freezing of plasma (-80°C) in primary tubes**
- **Pre-analytical handling and storage in a closed tube**  
— less contact with potentially infectious samples for the phlebotomists and lab technicians

## References

### Study of the effect of specimen collection devices on the quantitative measurement of HIV-1 RNA and study of the stability of HIV-1 RNA during storage in VF-053SADKW tubes prior to processing

K. Steegen, N. De Cabooter, E. Demecheleer and C. Verhofstede  
AIDS REFERENTIE LABORATORIUM, Rijksuniversiteit Gent, België

In this study the HIV-1 RNA concentrations in VT-050STK (glass, EDTA-K3), VF-054SDKW (PET, EDTA-K2 coated to the wall) and VF-053SADKW (PET, EDTA-K2 coated to the wall + gel) are compared.

The results suggest that all 3 tubes different blood collection tubes have a comparable capacity for use as collection tubes for HIV-1 viral load determination. The results also suggest that VF-053SADKW tubes can be stored safely at 2-8°C during 24 hours without significant loss of HIV-1 RNA.

### The effect of storing plasma at -80°C for 1 month in the original specimen collection device with gel barrier, on the quantitative measurement of HIV-1


E. Demecheleer, N. De Cabooter and C. Verhofstede  
AIDS REFERENTIE LABORATORIUM, Rijksuniversiteit Gent, België

The aim of this study was to evaluate whether storage of plasma in the centrifuged VF-054SADKW blood collecting tube at -80°C had any influence on the quantitative HIV-1 RNA determination.

The results suggest that storage of plasma in the original VF-054SADKW blood collection tube at -80°C for 1 month has no effect on the HIV-1 RNA load.

Non-published communication – full reports available on request [laboratory.systems@terumo-europe.com](mailto:laboratory.systems@terumo-europe.com)

## Viral load

	Code	Tube volume (ml)	Draw (ml)	Additive	Packaging
	VF-054SADK	5	3.5	Gel+K2-EDTA	12 x 100
	VF-075SADK	7	4.5	Gel+K2-EDTA	12 x 100
	VF-108SADK	10	8	Gel+K2-EDTA	12 x 100

shelf life: 18 months



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