

Follow These Tips When Making The Leap From Plasma / Serum to Whole Blood

Quality of Blood

- » Fresh blood of the type to be studied should be used
- » Using blood less than 48 hours from draw is best
- » Frozen blood is not representative of fresh blood and should be used with caution

Spiking Analytes Into Blood

- » Spiking volumes of non-matrix solvent must be $\leq 5\%$
- » Blood should be equilibrated post spike for a minimum of 30 minutes prior to sampling
 - For example - some analytes, such as immunosuppressants, can take hours to equilibrate in blood
- » Dry Mitra[®] tips for at least 20 hours for method optimization efforts

***TIP** - The older dried blood is, it can become difficult to extract analytes from it. We recommend aging studies as part of the validation strategy.*