



# e-Network Forum

## CALIFORNIA BLOOD BANK SOCIETY

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### *Is anyone using a micro titre tube method?*

**A Charge Technologist from America's Respected Neighbor to the North** writes:

We are interested in developing a "micro" titre method (tube) in order to accommodate request for **isoheamagglutinin titers on pediatric (low volume) samples**. Does anyone currently use such a method?

**The Editors** are also interested in **hearing from anyone** who had tried it and **found it to NOT work**.

**ADDENDA** Feb. 19, 2008

1. **A Technical Supervisor of a hospital transfusion service in Arizona** reports that her lab sometimes needs to perform isoheamagglutinin titers on infants for their BMT program and have developed a micro tube titer **using 0.1 ml**. They pipet both saline and patient plasma using MLA pipets being careful to **replace the tip between tubes**. Careful mixing prior to transferring from tube to tube is also important. Then they add 0.1 ml of reagent cells also using the MLA. They **validated the method against traditional master tube methods and had excellent correlation**. Knowing that the smaller volume is more prone to error from minor variations, they **use that method for their CAP antibody titer survey and have had good results**.

Please submit comments to the [e-Network Forum](#).

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