

## Method to Method Comparison

Purpose	This procedure provides instructions for performing method to method comparison of gel to tube methodologies used in Children's Transfusion Service.			
Policy Statements	<ul> <li>Gel and tube methods comparison studies will be performed twice a year with a minimum of one specimen for each of the following tests:</li> <li>1. Indirect antibody testing</li> <li>2. Direct antiglobulin testing</li> <li>3. Anti A or Anti-B (infants)</li> </ul>			
Definitions	<ul> <li>A. Indirect antibody testing (IAT)-Antibody Screen</li> <li>B. Direct antiglobulin testing (DAT)</li> </ul>			
Related Documents	TSf 18.9.1 Correlation of Gel and Tube Testing			
Sample	The use of fresh human samples is preferred over commercial control materials such as proficiency samples or reagents. Do not use results obtained in troubleshooting of samples with unexpected reactions.			
Procedure				
	Step Action			
	Step		Action	
	Step 1	Perform routine gel testing pe		
	1	Perform routine gel testing pe Repeat testing using tube me	er patient order.	
	1 2	Repeat testing using tube me	er patient order. ethodology.	ogy as positive or negative on $TSf 18.9.1$
	1 2	Repeat testing using tube me	er patient order. ethodology. e from each methodol	ogy as positive or negative on <u>TSf 18.9.1</u>
	1 2 3	Repeat testing using tube me Record interpretation results	er patient order. ethodology. s from each methodol ube Testing	ogy as positive or negative on <u>TSf 18.9.1</u>
	1 2 3 4	Repeat testing using tube me Record interpretation results <u>Correlation of Gel and Tu</u>	er patient order. ethodology. 6 from each methodol ube Testing pecialist for review.	ogy as positive or negative on <u>TSf 18.9.1</u>
Interpretation	1 2 3 4 5	Repeat testing using tube me Record interpretation results <u>Correlation of Gel and Tu</u> Forward form to Technical Sp Maintain completed form in P	er patient order. ethodology. 5 from each methodol ube Testing Decialist for review. 2T binder for the year.	ogy as positive or negative on <u>TSf 18.9.1</u>
Interpretation	1 2 3 4 5 Acceptal	Repeat testing using tube me Record interpretation results <u>Correlation of Gel and Tu</u> Forward form to Technical Sp Maintain completed form in P ole correlation: Interpretation	er patient order. ethodology. from each methodol ube Testing pecialist for review. T binder for the year. of reaction pattern as l of reactions between	Positive or Negative by both methods.
	1 2 3 4 5 Acceptal An expe	Repeat testing using tube me Record interpretation results <u>Correlation of Gel and Tu</u> Forward form to Technical Sp Maintain completed form in P ole correlation: Interpretation	er patient order. ethodology. from each methodol ube Testing pecialist for review. T binder for the year. of reaction pattern as l of reactions between hay be positive in the g	Positive or Negative by both methods. n gel and tube methodologies, generally el due to methodology.
Limitations	1 2 3 4 5 Acceptal An expe stronger	Repeat testing using tube me Record interpretation results <u>Correlation of Gel and Tu</u> Forward form to Technical Sp Maintain completed form in P ole correlation: Interpretation of octed difference in strength in gel. Negative tube tests m	er patient order. ethodology. a from each methodol <u>ube Testing</u> pecialist for review. PT binder for the year. of reaction pattern as l of reactions between hay be positive in the g editation program check	Positive or Negative by both methods. n gel and tube methodologies, generally el due to methodology.
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Limitations References Approval	1 2 3 4 5 Acceptal An expe stronger	Repeat testing using tube me Record interpretation results <u>Correlation of Gel and Tu</u> Forward form to Technical Sp Maintain completed form in P ole correlation: Interpretation of ected difference in strength in gel. Negative tube tests m	er patient order. ethodology. a from each methodol <u>ube Testing</u> pecialist for review. PT binder for the year. of reaction pattern as l of reactions between hay be positive in the g editation program check	Positive or Negative by both methods. n gel and tube methodologies, generally el due to methodology.