



CPAL

Central Pennsylvania Alliance Laboratory

Technical Bulletin

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72 Hour Extended Specimen Stability for Lymphocyte Subset Analysis by Flow Cytometry

Starting Date: February 28, 2011

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NOTICE: CPAL has performed in-house studies to establish specimen stability **up to 72 hours post-collection**. Specimen stability requirement for lymphocyte subset testing are extended from “*within 24 hours post-collection*” to “*within 72 hours post-collection*”. For detailed analysis of the specimen stability studies, or to discuss any aspect of lymphocyte subset analysis testing performed at CPAL, please call the laboratory (see contact information listed above).

Testing Schedule: Mon-Fri, afternoon;
Saturday, morning (specimen must be here by 7am)

Specimen: 2 ml whole blood (1ml minimum); EDTA (lavender top)
Do not freeze or refrigerate. Specimen must be tested within 72 hrs of collection.

Instructions: Do not freeze or refrigerate. Specimen must be tested within 72 hrs of collection. **TRANSPORT AT ROOM TEMPERATURE!**

CPAL Lymphocyte Subset Panels

<u>Markers</u>		<u>CPT</u>	<u>Corresponds to Quest</u>
T-cells, absolute CD4 count (CD4C)	CD3% and count	86359	#8360
	CD4% and count	86361	
T-cells, CD4/CD8 w/ratio (TCC)	CD3% /count	86359	#7195
	CD4% /count and CD8% /count with ratio	86360	
B-cells, total count (BCC)	CD19% and count	86355	no equivalent
Total lymphocyte counts (TLC)	CD3% and count	86359	#7197
	CD4% /count and CD8% /count with ratio	86360	
	CD19% and count	86355	
	CD16+56% and count	86357	
T&B cells, total counts w/ratio (TBCC)	CD3% and count	86359	#36420
	CD4% /count and CD8% /count with ratio	86360	
	CD19% and count	86355	