

## General Clinical Chemistry Programme

### ALT & AST classification for Tris buffer, IFCC/SFBC kits with and without the addition of pyridoxal-5-phosphate

Dear Participant

As you are probably aware, it is possible to add pyridoxal-5-phosphate to ALT and AST reagents to re-activate pyridoxine (vitamin B6) in patient samples. We have a separate method classifications for Tris buffer kits optimised to IFCC or SFBC depending on whether you add pyridoxal-5-phosphate to your samples or not.

If everyone were correctly registered we would expect to see a greater difference in the means of the two method classifications mentioned. Since we do not observe this, we suspect that some participants may be registered as using P-5-P, when they are not actually adding it to their reagent. Incorrect registrations can greatly affect the validity of the statistics to which your results are compared. According to our records you are registered for ALT and AST under the method classification entitled "Tris buffer **with** P5P, IFCC/SFBC" indicating to us that you **add** pyridoxal-5-phosphate to your reagent before running ALT and AST assays.

We have sent the enclosed questionnaire to all participants in the method groups mentioned above and we would be grateful if you would tell us if you add pyridoxal-5-phosphate to your ALT and AST reagents or not. Please do this for ALL your Clinical Chemistry registrations. We hope to receive your response by the 8<sup>th</sup> of February 2008, so that we can reclassify participants as necessary. If you have any difficulty completing the questionnaire, please send us a copy of your pack insert and state if you manually add pyridoxal-5-phosphate to your reagents.

If you have any questions or comments, please do not hesitate to contact us.

Kind regards

Marlize Albertse  
General Manager  
Thistle QA

## General Clinical Chemistry Programme Questionnaire

ALT & AST classification for Tris Buffer, IFCC/SFBC kits with and without the addition of pyridoxal-5-phosphate

Laboratory QA / Participant Number(s): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Analyte	Method	Please tick the appropriate boxes below	
ALT	Tris buffer, IFCC/SFBC	P-5-P is NOT added to my reagent	<input type="checkbox"/>
		P-5-P is added to my reagent	<input type="checkbox"/>
AST	Tris buffer, IFCC/SFBC	P-5-P is NOT added to my reagent	<input type="checkbox"/>
		P-5-P is added to my reagent	<input type="checkbox"/>

Please complete this questionnaire and return it to **Thistle QA** by the 8<sup>th</sup> of February 2008. If you have any difficulty completing the questionnaire, please send us a copy of your pack insert and state if you manually add pyridoxal-5-phosphate to your reagents.