

# Monobind Technical Support Memo

## Subject; TSH Test Sensitivity Options (TSH & VAST Kits)

### Date; October 2011

#### QUESTION:

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In the AccuBind TSH ELISA kit pack insert it mentions in the 'Test Procedure' section:

“\*\*For better low end sensitivity (<0.5 mIU/ml), incubate 120 minutes at room temperature. The 40 mIU/ml calibrator should be excluded since the absorbance over 3.0 units will be experienced. Follow the remaining steps.”

We would like to know whether the same step of 120 minutes incubation can be applied for TSH parameter (for Ultrasensitive TSH assay) in AccuBind VAST Thyroid and VAST Free Thyroid kits.

#### ANSWER:

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The TSH procedure for better low end sensitivity can also be applied to the AccuBind VAST Thyroid and VAST Free Thyroid kits. Please keep in mind though that the calibrator levels do vary slightly. Despite this difference you still will omit the 40 uIU/ml calibrator and only run the first 5 calibrators for the VAST system. Below is a table of the difference between the test systems and the procedures used.

#### Standard TSH Test

##### Method:

	325	8025	7025
A	0	0	0
B	0.5	0.5	0.5
C	2.5	2.5	2.5
D	5	10	10
E	10	20	20
F	20	40	40
G	40		

#### High low end sensitivity TSH Test

##### Method:

	325	8025	7025
A	0	0	0
B	0.5	0.5	0.5
C	2.5	2.5	2.5
D	5	10	10
E	10	20	20
F	20	<del>40</del>	<del>40</del>
G	<del>40</del>		

Authorized by:

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