

meridian BIOSCIENCE
LIFE DISCOVERED. LIFE ENGAGED.

- Accurate - clear discrimination of even the most challenging sequence differences
- Reproducible - unparalleled consistency between replicate difference plots for increased confidence in sample characterisation
- Sensitive - efficient detection from even very limiting amounts of sample
- Flexible - enables reliable characterisation of a broad range of sequence differences
- Fast - rapid PCR amplification prior to high resolution melting, enabling higher throughput

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Sample	Reaction efficiency (%)
In 1023	~95
In human	~95
In chicken	~95
Biotin-antibody	~95
Biotin-antibody + streptavidin	~95
Biotin-antibody + streptavidin + streptavidin	~95
Human serum	~95
Human serum + streptavidin	~95
Chicken serum	~95
T4, chicken	~95
Liver, chicken	~95
Biotin, chicken	~95
T4, preimmune	~95
Liver, preimmune	~95
Biotin, preimmune	~95

NEW

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Amplification Plot

The graph displays Ct values on the y-axis (ranging from 0.0 to 4.5) against Cycle number on the x-axis (ranging from 2 to 40). Two sets of curves are shown: blue lines for Supplier B and red lines for SensiFast. Each set consists of multiple curves representing individual samples. The SensiFast curves are consistently shifted to the left of the Supplier B curves, indicating a lower Ct value (earlier detection) for the same sample. The curves for both suppliers show a sigmoidal shape, starting at a baseline Ct of approximately 4.5 and dropping sharply between cycles 20 and 35, then leveling off at a Ct of approximately 0.5.

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