



AgroLAMP[®] Oak Wilt Rapid Detection Assay

A loop-mediated isothermal amplification assay for the specific detection of the fungus *Bretziella fagacerum*, causal agent of Oak Wilt

Performance Metric	AgroLAMP Oak Wilt	Nested PCR
Sensitivity	100 %	100 %
Specificity	> 95%	> 95%
Cost per sample (reagents only)	\$17-\$19	\$40
Time to results	30 min	> 6 hours
Specialized equipment required	None (A block Heater is needed, \$299)	Thermal cycler + Gel electrophoresis (>\$5,000)
Readout	Colorimetric (Naked eye)	Gel electrophoresis
Field deployable	Yes	No
Expertise needed	Low	High



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<http://www.purebiox.com>

Video Tutorial

<https://youtu.be/V2sDKWLA2G8>

Contact us

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