

## Custom Human ANGPT-1 Assay (1,000 RXNs)

### Product Data Sheet

Cat. No. PCR-PDA-HSA-ANGPT1-11

Gene Name	NCBI Ref Seq	Sample Compatibility
angiopoietin 1	NM_001314051.2	cDNA (not compatible with DNA)
Concentration	Amplicon Length	Annealing Temp (°C)
20X	98 bp	60
qPCR Efficiency *	qPCR Efficiency Plot R <sup>2</sup> *	PCR Product Melting Temperature
102.8%	0.99	~ 80.8 °C

\* Empirically found by testing on five 4X serial dilution points (in duplicates) using our EverGreen master mix

This assay is compatible with our SteadyTaq PCR Master Mix (PCR9505) for end-point PCR, and with our EverGreen Universal qPCR Master Mix (PCR5505) for dye-based real-time qPCR. Mix the following components, then follow your master mix manual instructions for the thermal cycler settings:

Component	Volume per reaction	Final concentration
SteadyTaq MM(2X) OR EverGreen MM (2X)	10 µL	1 X
ANGPT-1 assay (20X)	1 µL	1 X
Template cDNA	Variable	10 pg – 100 ng
PCR-grade water	Up to 20 µL	–

This product is intended for research use only. Do not use this product for diagnostic purposes.

For questions, suggestions, or technical support, feel free to email our technical team at [support@havensci.com](mailto:support@havensci.com).