

## New England Biolabs Product Specification

*Product Name:* WarmStart<sup>®</sup> LAMP Kit (DNA & RNA)  
*Catalog #:* E1700S/L  
*Kit Components:* LAMP Fluorescent Dye (B1700A/AA)  
WarmStart<sup>®</sup> LAMP 2X Master Mix (M1700S)

*Shelf Life:* 24 months  
*Storage Temp:* -20°C  
*Specification Version:* PS-E1700S/L v2.0  
*Effective Date:* 16 Apr 2019

### Assay Name/Specification (minimum release criteria)

**Functional Testing (LAMP, Master Mix)** - A 25 µl reaction with 1X WarmStart<sup>®</sup> LAMP Master Mix in the presence of 1X LAMP Primers containing 10 ng genomic DNA and 1X LAMP fluorescent dye results in a threshold time of ≤ 20 minutes as determined by fluorescent detection.

**Functional Testing (RT-LAMP, Master Mix)** - A 25 µl reaction with 1X WarmStart<sup>®</sup> LAMP Master Mix in the presence of 1X LAMP Primers containing 10 ng of genomic RNA and 1X LAMP fluorescent dye results in a threshold time of ≤ 20 minutes as determined by fluorescent detection.



Date 16 Apr 2019

Derek Robinson  
Director of Quality Control

