



RUBICON GENOMICS

Certificate of Analysis

ThruPLEX® DNA-seq 48D Kit	
Catalog No.	R400406
Lot No.	212872
Expiration Date	11/18

Part Number	Component Name	Lot Number
BF00396	Template Preparation Buffer	212762
EN00307	Template Preparation Enzyme	212763
BF00397	Library Synthesis Buffer	212764
EN00309	Library Synthesis Enzyme	212765
BF00398	Library Amplification Buffer	212760
EN00399	Library Amplification Enzyme	212761
BF00279	Nuclease-Free Water	212640
DX00386	Dual Index Plate (48D)	212234

This combination of components has been functionally validated with 200 pg of Covaris®-sheared DNA to produce indexed libraries that have been amplified and quantified by real-time PCR followed by sequencing on the Illumina® Sequencing Platform.

Quality Control Testing	
Test Parameter	Result
Estimated Library Size	Pass
% Mapped Reads	Pass
% Mismatch Rate	Pass

Generated By: **Matthew S. Carroll**

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