



RUBICON GENOMICS

Certificate of Analysis

ThruPLEX® DNA-seq 12S Kit (48 rxn)	
Catalog No.	R400428
Lot No.	212655
Shelf Life	1 year from date of receipt under proper storage conditions.

Part Number	Component Name	Lot Number
BF00396	Template Preparation Buffer	212620
EN00307	Template Preparation Enzyme	212621
BF00397	Library Synthesis Buffer	212622
EN00309	Library Synthesis Enzyme	212623
BF00398	Library Amplification Buffer	212624
EN00399	Library Amplification Enzyme	212625
BF00279	Nuclease-Free Water	212567
DX00414	Indexing Reagent 1	212531
DX00415	Indexing Reagent 2	212532
DX00416	Indexing Reagent 3	212533
DX00417	Indexing Reagent 4	212534
DX00418	Indexing Reagent 5	212535
DX00419	Indexing Reagent 6	212536
DX00420	Indexing Reagent 7	212537
DX00421	Indexing Reagent 8	212538
DX00422	Indexing Reagent 9	212539
DX00423	Indexing Reagent 10	212540
DX00424	Indexing Reagent 11	212541
DX00425	Indexing Reagent 12	212542

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: David J. Oldfield

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