



RUBICON GENOMICS

Certificate of Analysis

ThruPLEX® DNA-seq 12S Kit (48 rxn)	
Catalog No.	R400428
Lot No.	212546
Shelf Life	1 year from date of receipt under proper storage conditions.

Part Number	Component Name	Lot Number
BF00396	Template Preparation Buffer	212471
EN00307	Template Preparation Enzyme	212472
BF00397	Library Synthesis Buffer	212473
EN00309	Library Synthesis Enzyme	212474
BF00398	Library Amplification Buffer	212475
EN00399	Library Amplification Enzyme	212476
BF00279	Nuclease-Free Water	212425
DX00414	Indexing Reagent 1	212122
DX00415	Indexing Reagent 2	212123
DX00416	Indexing Reagent 3	212124
DX00417	Indexing Reagent 4	212125
DX00418	Indexing Reagent 5	212126
DX00419	Indexing Reagent 6	212127
DX00420	Indexing Reagent 7	212128
DX00421	Indexing Reagent 8	212129
DX00422	Indexing Reagent 9	212130
DX00423	Indexing Reagent 10	212131
DX00424	Indexing Reagent 11	212132
DX00425	Indexing Reagent 12	212133

These components have 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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