

## Certificate of Analysis

**Description**

<b>Product Name</b>	Praxis ® Extended RAS Panel		
<b>Part Number</b>	20012431	<b>Lot Number</b>	A121353

**Test Conditions and Parameters**

The Praxis Extended RAS Panel kit was functionally tested based on the Praxis Extended RAS Panel Assay Reference Guide (Document Number 1000000037191). The Praxis Extended RAS Panel kit passed functional quality control testing per Illumina internal requirements in addition to the results below.

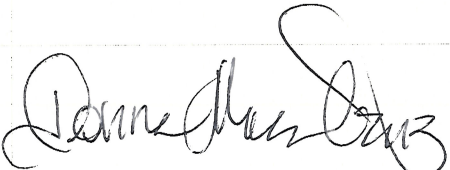
Note: Flow cells are serialized and passed release testing separately via a hybridization assay.

**Test Results**

Metric	Specification	Result
delta Cq from No Template Control to Quality Control Template	≥ 10	Pass
Positive Control	Expected Mutations detected: KRAS Exon 2 p.Gly12Asp c.35G>A and NRAS Exon 3 p.Gln61Lys c.181C>A	Pass
Negative Control	Invalid by sequencing	Pass

**Certification**

This document certifies that the product(s) described above meet quality specifications.

<b>Print Name:</b> DONNA MAE CRUZ	<b>Title:</b> QC ANALYST II
<b>Signature:</b> 	<b>Date:</b> 16-SEP-2019