

**Product:** rhAmp Reporter Mix, 25  $\mu$ L

**Product number:** 1076025

**Batch number:** 0000458667

**Expiration date:** 2019-DEC-13

*rhAmp Reporter Mix is optimized for use with rhAmp Genotyping Master Mix and rhAmp SNP Assays. The formulation includes proprietary reporter-dye-labeled oligonucleotide probes for assessing specific allelic discrimination on select instrument platforms that do not require a passive reference.*

| Analytical testing                      |  |         |
|---|--|---------|
| Test                                    | Specification  | Results |
| Molecular weight by ESI                 | $\pm 2.8$ Da of target mass of each oligonucleotide in mix       | Pass    |
| Reporter probe concentration by RP-HPLC | $\pm 10\%$ of target concentration of each reporter probe in mix | Pass    |

#### Analytical test methods:

**Molecular weight** (MW) of the individual components of the mix is assessed after formulation and verified by ESI (electrospray ionization).

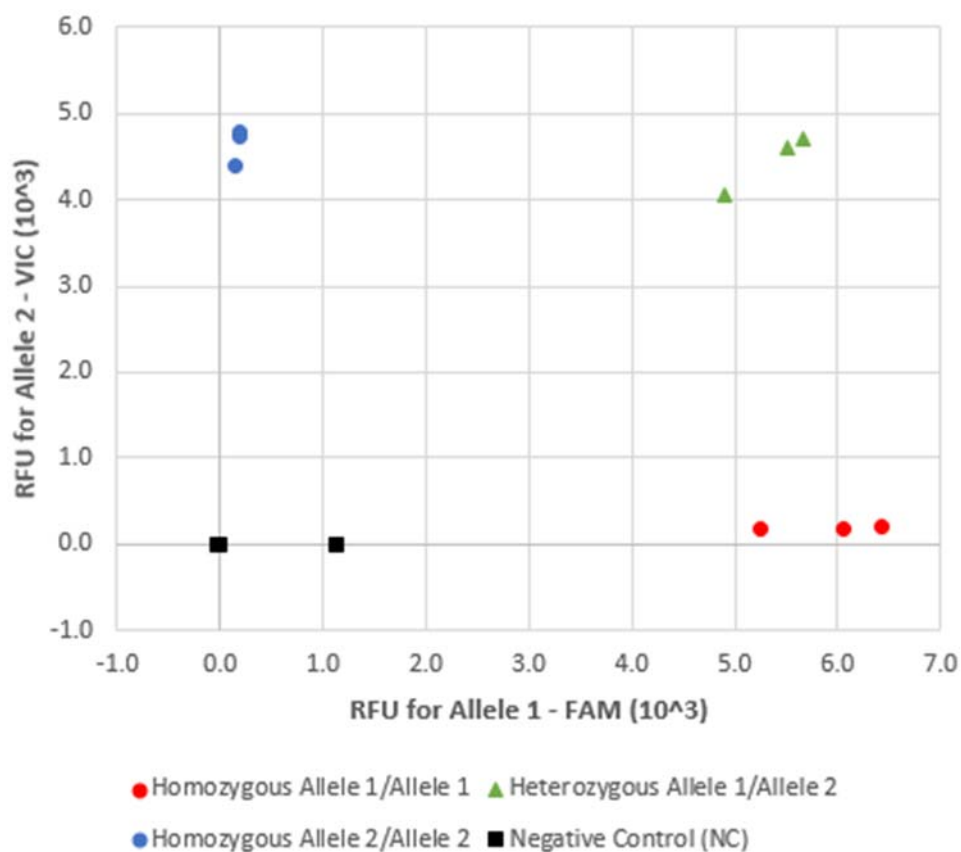
**Concentration** of each individual oligo within the mix is analyzed by a proprietary RP-HPLC method.

### Functional testing

*rhAmp Reporter Mix is tested for allelic discrimination performance using rhAmp Genotyping Master Mix and a rhAmp SNP Assay targeting 1000 copies of double-stranded gBlocks Gene Fragment template. PCR cycling and analysis is performed using the Bio-Rad CFX384 Touch™ Real-Time PCR System.*

| Test                   | Result |
|------------------------|--------|
| Allelic discrimination | Pass   |

Allelic discrimination plot



**Storage:** Store rhAmp Reporter Mix in a sealed container at –20°C, protected from light.

**Verified by:** Natalie Walter

**Quality release date:** 2019-JUL-15

rhAmp Reporter Mix contains oligonucleotide probes with proprietary modifications from multiple sources, including IDT, and is sold under license from IDT, Exiqon A/S, and Elitech, for customer research purposes only. For further information, see [www.idtdna.com](http://www.idtdna.com).

IDT verifies that the information contained herein is true and correct to the best of our knowledge. This document was produced electronically and is valid without signature.

**For Research Use Only. Not for use in diagnostic procedures.**

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