

# INNO-LiPA™ *CFTR*riage\*

A simpler, more powerful concept for *CFTR* testing



- Patented all-in-one principle
- Easy and efficient
- Conforms with current regulations and local guidelines



## BENEFITS OF THE PRODUCT

### UNIQUE AND PATENTED ALL-IN-ONE PRINCIPLE

- Simultaneous detection of 88 mutations and rearrangements
- Mutant and wild type sequences for frequent mutations
- Differentiation between homozygous and heterozygous results
- 5T/7T/9T testing

### CONFORMS WITH CURRENT REGULATIONS AND LOCAL GUIDELINES

- More than 91,7% detection rate<sup>1</sup>
- All mutations > 1% frequency included
- Frequent European mutations included
- ACMG recommended mutations included

### EASY AND EFFICIENT

- Validated for whole blood, dried blood spots, and buccal brushes
- A single amplification reduces hands-on time
- Automated or manual processing available
- LiRAS™ for LiPA™ Cystic Fibrosis v5 software automates interpretation and archives results
- More than 95% conclusive results with a single analysis

| CFTRiage           |              |                  |                      |                   |
|--------------------|--------------|------------------|----------------------|-------------------|
| 19                 | 17 + Tn      | Italian Regional | Deletions + 6        | Extra             |
| F508del*           | 621+1G>T*    | 1259insA         | CFTRdele1            | M1V               |
| G542X*             | 3849+10kbC>T | 4016insT         | CFTRdele2 (ins182)   | E92X              |
| N1303K*            | 2183AA>G     | 4382delA         | CFTRdele2            | D110E             |
| W1282X*            | 394delTT     | 852del22         | CFTRdele2,3 (21kb)** | G178R             |
| G551D*             | 2789+5G>A*   | D579G            | CFTRdele14b-17b      | 712-1G>T          |
| 1717-1G>A*         | R1162X       | G1244E           | CFTRdele17a-18       | L206W             |
| R553X              | 3659delC     | G1349D           | (3120+1kbdel8.6kb)   | I336K             |
| CFTRdele2,3(21kb)* | R117H*       | I502T            | CFTRdele22,23        | L346P             |
| I507del            | R334W        | L1065P           | CFTRdele22-24        | R352Q             |
| 711+1G>T           | R347P        | R1158X           | 1677delTA            | 1609delCA         |
| 3272-26A>G         | G85E         | T338I            | 1706del17            | 1584+18672A>G     |
| 3905insT           | 1078delT     | S549R(A>C)       | E585X                | 1811+1,6kbA>G     |
| R560T              | A455E*       | 991del5          | L1077P               | 2184insA          |
| 1898+1G>A          | 2143delT     | D1152H           | R1066C               | E822X             |
| S1251N             | E60X         | 1898+3A>G        | S912X                | Q890X             |
| 3199del6           | 2184delA     | R1070Q           |                      | Y1092X(C>A)       |
| 3120+1G>A          | 711+5G>A     | R1066H           |                      | M1101K            |
| Q552X              |              | R347H            |                      | 4374+1G>A         |
|                    | 5T           | 621+3A>G         |                      | <b>Additional</b> |
|                    | 7T           | E217G            |                      | L927P*            |
|                    | 9T           | R334Q            |                      |                   |

\* For the 12 most frequent mutations, INNO-LiPA CFTRiage detects both the mutation and the wild type, allowing for immediate discrimination between heterozygous and homozygous results.

\*\* CFTRdele2,3 (21kb) is both present on CFTR19 Strip and on CFTR Deletions + 6 Strip.

1. Based on the CFTR2 database March 2019 ([www.CFTR2.org](http://www.CFTR2.org)).

## ORDERING INFORMATION

| Product  | Product description        | Article No |
|--|----------------------------|------------|
| INNO-LiPA <i>CFTR</i> age OneAmp Kit*          | 20 tests/kit               | 80596      |
| INNO-LiPA <i>CFTR</i> age Strips*              | 20 tests/kit               | 80577      |
| INNO-LiPA <i>CFTR</i> age Buffer Kit*          | 20 tests/kit               | 80595      |
| INNO-LiPA <i>CFTR</i> 19 Strips*               | 20 tests/kit               | 80580      |
| INNO-LiPA <i>CFTR</i> 17 + Tn Strips*          | 20 tests/kit               | 80581      |
| INNO-LiPA <i>CFTR</i> Italian Regional Strips* | 10 tests/kit               | 80579      |
| INNO-LiPA <i>CFTR</i> Deletions + 6 Strips*    | 10 tests/kit               | 80578      |
| INNO-LiPA <i>CFTR</i> Extra Strips*            | 10 tests/kit               | 80582      |
| <b>Software</b>                                |                            |            |
| LiRAS™ for LiPA™ Cystic Fibrosis v5*           | CD-ROM                     | 80535      |
| <b>Automation</b>                              |                            |            |
| Auto-LiPA™ 48                                  | Strip Processor (up to 48) | 80628      |
| TENDIGO™                                       | Strip Processor (up to 10) | 80412      |

\* All INNO-LiPA *CFTR*age products are not yet available as CE marked products