

biotechne®

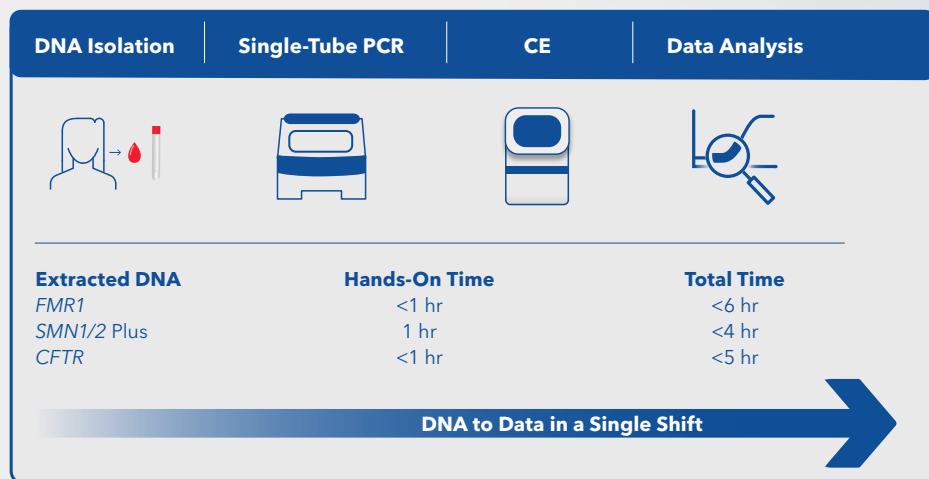
Asuragen®

# Three Common Genetic Targets in One Streamlined Workflow

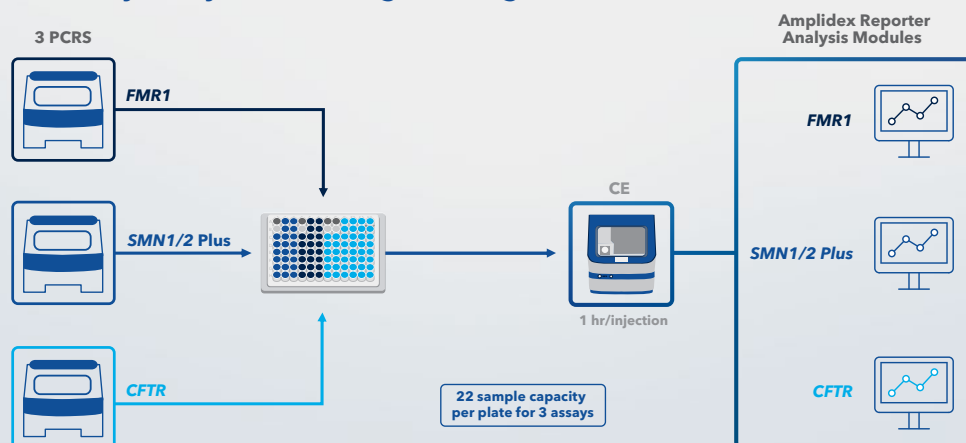
The AmpliX® TRIO Workflow brings simplicity and scalability to *CFTR*, *SMN1/2*, and *FMR1* analysis and is optimized for use on widely established laboratory equipment. AmpliX Reporter further streamlines data reporting with automated analysis modules to deliver genetic results from DNA in under one day.

## TRIO WORKFLOW

3 AmpliX Kits *CFTR* • *SMN 1/2 Plus* • *FMR1* 1 Common Workflow



### Efficiently Analyze Three Targets Using PCR & CE



## Simplified Data Reporting with Automated Analysis Modules

### AmplideX® PCR/CE Reporter—Single platform with three analysis modules

- Batch-level QC and run metrics
- Project management function
- Export results in PDF and LIMS-compatible formats (Excel/CSV)
- Easily accessible for reviewers

| AmplideX® PCR/CE <i>FMR1</i> Reagents*              | AmplideX® PCR/CE <i>SMN1/2</i> Plus Kit*   | AmplideX® PCR/CE <i>CFTR</i> Kit*        |
|---|--|--|
| Automated peak calling, including low level mosaics | Automated <i>SMN1</i> & <i>SMN2</i> copy number, relevant variants and gene hybrid detection | Automated variant calling and genotyping |

| Reduced Complexity   | Optimized Workflow  | Quality Results  |
|--|---|--|
| <ul style="list-style-type: none"> <li>• Providing relevant genetic information for three common carrier screening targets with PCR &amp; CE</li> <li>• Single-source vendor for full assay systems</li> <li>• AmplideX Reporter software modules automate analysis</li> </ul> | <ul style="list-style-type: none"> <li>• &lt;1 day from DNA to data for AmplideX <i>CFTR</i>®, <i>SMN1/2</i> Plus® and <i>FMR1</i>® assays</li> <li>• Efficient, complementary workflows eases implementation and continued use</li> <li>• Flexible use on widely installed CE equipment</li> </ul> | <ul style="list-style-type: none"> <li>• <i>CFTR</i> Kit* designed to provide the broadest coverage† of the U.S. population</li> <li>• <i>SMN1/2</i> Plus Kit* reliably detects <i>SMN1/2</i> copy number &amp; relevant variants</li> <li>• <i>FMR1</i> Reagents* has proven performance with data in &gt;100 peer-reviewed publications</li> </ul> |

## Ordering Information

| Product Name                             | Number of Reactions | Catalog Number |
|--|---------------------|----------------|
| AmplideX® PCR/CE <i>FMR1</i> Reagents*   | 100                 | 49402          |
| AmplideX® PCR/CE <i>SMN1/2</i> Plus Kit* | 50                  | A00050         |
| AmplideX® PCR/CE <i>SMN1/2</i> Plus Kit* | 100                 | A00054         |
| AmplideX® PCR/CE <i>CFTR</i> Plus Kit*   | 50                  | A00076         |
| AmplideX® PCR/CE <i>CFTR</i> Plus Kit*   | 100                 | A00077         |

**Bio-Techne®** | R&D Systems™ Novus Biologicals™ Tocris Bioscience™ ProteinSimple™ ACD™ ExosomeDx™ Asuragen®

\*For Research Use Only. Not for use in diagnostic procedures. †Beauchamp, et al. Genet Med. 2019 Nov;21(11):2569-2576.  
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1800 ABACUS (AUS) 0800 222 170 (NZ) | info@abacusdx.com | www.abacusdx.com

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