



Figure 4: Easy Visualization through the MiSeq Reporter Software.

Learn More

To learn more about the MiSeqDx Cystic Fibrosis Clinical Sequencing Assay, visit www.illumina.com/cysticfibrosis.

References

1. Cystic Fibrosis Foundation (www.cff.org/AboutCF/Faqs/)
2. U.S. National Library of Medicine. PubMed Health (www.ncbi.nlm.nih.gov/pubmedhealth/PMH0001167/)

Ordering Information.

Product	Catalog No.
MiSeqDx Cystic Fibrosis Clinical Sequencing Assay (6 runs, up to 48 samples)	DX-102-1001

Intended Use

The Illumina MiSeqDx Cystic Fibrosis Clinical Sequencing Assay is a targeted sequencing *in vitro* diagnostic system that re-sequences the protein coding regions and intron/exon boundaries of the cystic fibrosis transmembrane conductance regulator (CFTR) gene in genomic DNA isolated from human peripheral whole blood specimens collected in K2EDTA. The test detects single nucleotide variants and small indels within the region sequenced, and additionally reports on two deep intronic mutations and two large deletions. The test is intended to be used on the Illumina MiSeqDx instrument.

The test is intended to be used as an aid in the diagnosis of individuals with suspected cystic fibrosis (CF). This assay is most appropriate when the patient has an atypical or non-classic presentation of CF or when other mutation panels have failed to identify both causative mutations. The results of the test are intended to be interpreted by a board-certified clinical molecular geneticist or equivalent and should be used in conjunction with other available information including clinical symptoms, other diagnostic tests, and family history. This test is not indicated for use for stand-alone diagnostic purposes, fetal diagnostic testing, pre-implantation testing, carrier screening, newborn screening, or population screening.

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Document # 100000006361 v00

