

**Reference Material: Cystic Fibrosis (CFTR) DNA**

**Product ID: CFDNAQC - 04**

**Expiration Date: April 2028**

Analysis Method: "xTAG® Cystic Fibrosis (CFTR) 60 kit v2 "

Material Storage: -20°C ± 10°C

Units: N/A

<b>Lot</b>	<b>Analyte</b>	<b>Allele 1</b>	<b>Allele 2</b>	<b>TG-PolyT status</b>
A2204	Cystic Fibrosis (CFTR) gene	R334W (p.Arg334Trp)	+	(TG)11(T)7/(TG)12(T)7
B2204	Cystic Fibrosis (CFTR) gene	R553X (p.Arg553X)	F508del (p.Phe508del)	(TG)10(T)9/(TG)12(T)7
C2204	Cystic Fibrosis (CFTR) gene	711+1G>T (c.579+1G>T)	F508del (p.Phe508del)	(TG)11(T)7/(TG)10(T)9
D2204	Cystic Fibrosis (CFTR) gene	1898+1G>A (c.1766+1G>A)	+	(TG)11(T)7
E2204	Cystic Fibrosis (CFTR) gene	3659delC (p.Lys1177SerfsX15)	F508del (p.Phe508del)	(TG)11(T)7/(TG)10(T)9
F2204	Cystic Fibrosis (CFTR) gene	F508del (p.Phe508del)	F508C (p.Phe508Cys) <small>(non-CF-causing variant but may interfere with assay calls)</small>	(TG)10(T)9/(TG)11(T)7
G2204	Cystic Fibrosis (CFTR) gene	3120+1G>A (c.2988+1G>A)	F508del (p.Phe508del)	(TG)11(T)7/(TG)10(T)9
H2204	Cystic Fibrosis (CFTR) gene	I507del (p.Ile507del)	F508del (p.Phe508del)	(TG)10(T)7/(TG)10(T)9
I2204	Cystic Fibrosis (CFTR) gene	G542X (p.Gly542X)	3849+10kbC>T (c.3718-2477C>T)	(TG)10(T)9/(TG)12(T)7
J2204	Cystic Fibrosis (CFTR) gene	F508del (p.Phe508del)	1717-1G>A (c.1585-1G>A)	(TG)10(T)7/(TG)10(T)9
K2204	Cystic Fibrosis (CFTR) gene	F508del (p.Phe508del)	W1282X (p.Trp1282X)	(TG)10(T)7/(TG)10(T)9
L2204	Cystic Fibrosis (CFTR) gene	R117H (p.Arg117His)	R347P (p.Arg347Pro)	(TG)11(T)7/(TG)12(T)5
M2204	Cystic Fibrosis (CFTR) gene	N1303K (p.Asn1303Lys)	W1282X (p.Trp1282X)	(TG)10(T)7/(TG)10(T)9
N2204	Cystic Fibrosis (CFTR) gene	G551D (p.Gly551Asp)	2789+5G>A (c.2657+5G>A)	(TG)10(T)7

O2204	Cystic Fibrosis (CFTR) gene	F508del (p.Phe508del)	F508del (p.Phe508del)	(TG)10(T)9
P2204	Cystic Fibrosis (CFTR) gene	F508del (p.Phe508del)	621+1G>T (c.489+1G>T)	(TG)10(T)9
Q2204	Cystic Fibrosis (CFTR) gene	F508del (p.Phe508del)	R1162X (p.Arg1162X)	(TG)10(T)7/(TG)10(T)9
R2204	Cystic Fibrosis (CFTR) gene	A455E (p.Ala455Glu)	F508del (p.Phe508del)	(TG)10(T)9
S2204	Cystic Fibrosis (CFTR) gene	G85E (p.Gly85Glu)	D1152H (p.Asp1152His)	(TG)11(T)7
T2204	Cystic Fibrosis (CFTR) gene	2184delA (p.Lys684AsnfsX38)	G542X (p.Gly542X)	(TG)11(T)7/(TG)10(T)9
U2204	Cystic Fibrosis (CFTR) gene	F508del (p.Phe508del)	R560T (p.Arg560Thr)	(TG)10(T)7/(TG)10(T)9