

**A**

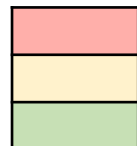
Sample Size	Prevalence	BLCA - Fixed A	Test A Only	BLCA - Fixed C	Test C Only	BLCA - Fixed E	Test E Only
20	0.1	0.32 (0.2-0.55)	0.25 (0.15-0.45)	0.27 (0.17-0.47)	0.15 (0.05-0.25)	0.23 (0.14-0.42)	0.1 (0-0.1)
40	0.1	0.27 (0.18-0.48)	0.28 (0.15-0.4)	0.22 (0.14-0.44)	0.12 (0.08-0.22)	0.19 (0.12-0.36)	0.08 (0.05-0.1)
80	0.1	0.22 (0.14-0.42)	0.28 (0.2-0.36)	0.18 (0.12-0.36)	0.14 (0.1-0.19)	0.16 (0.11-0.29)	0.09 (0.05-0.1)
160	0.1	0.17 (0.11-0.31)	0.28 (0.22-0.34)	0.15 (0.1-0.26)	0.14 (0.11-0.18)	0.14 (0.1-0.23)	0.08 (0.06-0.09)
320	0.1	0.15 (0.1-0.26)	0.28 (0.24-0.32)	0.13 (0.1-0.21)	0.14 (0.12-0.16)	0.12 (0.09-0.19)	0.08 (0.07-0.09)
640	0.1	0.13 (0.09-0.19)	0.28 (0.25-0.31)	0.12 (0.1-0.17)	0.14 (0.12-0.16)	0.11 (0.09-0.16)	0.08 (0.07-0.09)
1280	0.1	0.12 (0.09-0.16)	0.28 (0.26-0.3)	0.11 (0.1-0.15)	0.14 (0.13-0.15)	0.1 (0.09-0.14)	0.08 (0.07-0.09)

**B**

Sample Size	Prevalence	BLCA - Fixed A	Test A Only	BLCA - Fixed C	Test C Only	BLCA - Fixed E	Test E Only
20	0.5	0.58 (0.46-0.76)	0.6 (0.5-0.75)	0.56 (0.48-0.71)	0.5 (0.4-0.6)	0.54 (0.42-0.68)	0.4 (0.25-0.5)
40	0.5	0.56 (0.47-0.7)	0.6 (0.52-0.7)	0.55 (0.48-0.67)	0.5 (0.42-0.57)	0.53 (0.44-0.64)	0.4 (0.32-0.48)
80	0.5	0.55 (0.48-0.65)	0.6 (0.55-0.66)	0.54 (0.48-0.62)	0.5 (0.45-0.55)	0.52 (0.43-0.62)	0.4 (0.32-0.46)
160	0.5	0.54 (0.48-0.61)	0.6 (0.56-0.64)	0.52 (0.48-0.59)	0.5 (0.47-0.53)	0.51 (0.43-0.59)	0.4 (0.36-0.44)
320	0.5	0.53 (0.48-0.58)	0.6 (0.57-0.63)	0.51 (0.48-0.57)	0.5 (0.48-0.52)	0.5 (0.44-0.58)	0.4 (0.37-0.43)
640	0.5	0.52 (0.49-0.56)	0.6 (0.58-0.62)	0.51 (0.48-0.55)	0.5 (0.48-0.52)	0.5 (0.44-0.56)	0.4 (0.38-0.42)
1280	0.5	0.51 (0.49-0.54)	0.6 (0.58-0.61)	0.5 (0.48-0.53)	0.5 (0.49-0.51)	0.5 (0.46-0.54)	0.4 (0.38-0.42)

**C**

Sample Size	Prevalence	BLCA - Fixed A	Test A Only	BLCA - Fixed C	Test C Only	BLCA - Fixed E	Test E Only
20	0.9	0.89 (0.84-0.96)	0.9 (0.9-1)	0.88 (0.82-0.93)	0.85 (0.75-0.95)	0.85 (0.73-0.9)	0.75 (0.55-0.85)
40	0.9	0.9 (0.86-0.96)	0.92 (0.9-0.95)	0.89 (0.84-0.94)	0.88 (0.8-0.92)	0.86 (0.77-0.91)	0.72 (0.6-0.82)
80	0.9	0.91 (0.87-0.95)	0.91 (0.9-0.95)	0.9 (0.86-0.93)	0.86 (0.8-0.9)	0.87 (0.8-0.92)	0.72 (0.64-0.8)
160	0.9	0.91 (0.88-0.94)	0.92 (0.9-0.94)	0.9 (0.87-0.93)	0.86 (0.82-0.89)	0.88 (0.8-0.93)	0.72 (0.66-0.78)
320	0.9	0.91 (0.89-0.93)	0.92 (0.91-0.93)	0.9 (0.87-0.92)	0.86 (0.83-0.88)	0.89 (0.82-0.93)	0.72 (0.68-0.76)
640	0.9	0.91 (0.9-0.92)	0.92 (0.91-0.93)	0.9 (0.87-0.92)	0.86 (0.84-0.88)	0.89 (0.83-0.93)	0.72 (0.69-0.75)
1280	0.9	0.9 (0.9-0.92)	0.92 (0.91-0.93)	0.9 (0.87-0.92)	0.86 (0.85-0.87)	0.9 (0.85-0.92)	0.72 (0.7-0.74)



Neither test within 5% of the true prevalence

Both tests within 5% of the true prevalence

Only test within 5% of the true prevalence