

Supplementary Table 1. Reference method MIC results (mg/L) for the two *A. fumigatus* QC strains and for the *C. krusei* QC strain with the recommended MIC ranges (mg/L) given in parenthesis.

	MIC (mg/L) obtained by the specified methods		
	<i>A. fumigatus</i> ATCC MYA2636 (CLSI 48h)	<i>A. fumigatus</i> ATCC 204305 (EUCAST 48 h)	<i>C. krusei</i> ATCC 6258 (EUCAST 24 h)
ASP2397	0.25 (NA)	0.25 (NA)	>4 (NA)
Amphotericin B	0.25 (0.5-4)	0.25 (0.25-1)	0.25 (0.125-1)
Itraconazole	0.125 (0.25-2)	0.125 (0.125-0.5)	≤ 0.03 (0.03-0.125)
Posaconazole	≤ 0.03 (NA)	≤ 0.03 (0.03-0.25)	≤ 0.03 (0.015-0.06)
Voriconazole	0.5 (0.25-1)	0.5 (0.25-1)	0.125 (0.03-0.25)

Supplementary Fig 1. Spectrophotometer readings of growth curves for a wild type *A. fumigatus* isolate (ATCC MYA3626; upper diagram) and a HapE mutant *A. fumigatus* isolate (lower diagram). The inhibition curve for ASP2397 is shown in light blue, for itraconazole in dark blue and for posaconazole in red whereas the growth in 8 growth control wells are shown in the broken black line. Background absorbance in the medium is approx. 0.1 OD.

