

## Supplement 1

**Supplementary table 1. Contingency tables of the lateral flow device in cases with proven invasive pulmonary aspergillosis ('disease') versus controls with no signs of IPA ('no disease').**

	Disease	No disease		Disease	No disease
Visual readout positive	9	17	Digital readout positive	9	5
Visual readout negative	2	107	Digital readout negative	2	119

**Supplementary table 2. Contingency tables of the lateral flow device in cases with proven or probable invasive pulmonary aspergillosis ('disease') versus controls with no signs of IPA ('no disease'). Cutoff for galactomannan optical index  $\geq 1.0$ .**

	Disease	No disease		Disease	No disease
Visual readout positive	56	17	Digital readout positive	57	17
Visual readout negative	23	107	Digital readout negative	22	107

**Supplementary table 3. Contingency tables of the lateral flow device in cases with proven or probable invasive pulmonary aspergillosis ('disease') versus controls with no signs of IPA ('no disease'). Cutoff for galactomannan optical index  $\geq 0.5$ .**

	Disease	No disease		Disease	No disease
Visual readout positive	59	17	Digital readout positive	59	17
Visual readout negative	32	107	Digital readout negative	32	107

**Supplementary table 4. Contingency tables of the lateral flow device in cases with proven or probable invasive pulmonary aspergillosis ('disease') versus controls with no signs of IPA ('no disease'). Galactomannan excluded as mycological criterion.**

	Disease	No disease		Disease	No disease
Visual readout positive	25	17	Digital readout positive	27	23
Visual readout negative	8	107	Digital readout negative	6	101