MACRO ARRAY DIAGNOSTICS

QualityXplorer

Lot 3100007
Release date of expected values: October 29th 2026

DESCRIPTION:
The QualityXplorer can be used as an internal quality control material to monitor the test performance of ALEX², ALEX Air, ALEX Food or ALEX³ in your laboratory. The control should be processed like a standard patient serum sample according to the Instructions for Use of the respective product used. The values for the acceptance ranges in Table 1 are based on testing five batches per method (MAX9K, MAX45K, ImageXplorer), with five replicates per batch, giving a total of 75 measurements. The complete list of allergens below applies to ALEX² and ALEX³, the allergen panels ALEX Air and ALEX Food cover a subset of the listed allergens.

Please find expected values and acceptance ranges in the table below:

Allergen	Code	Expected min (kU_A/L)	Expected max (kU_A/L)
Asp f 4	m221	4,9	20,3
Fel d 1	e94	1,0	6,2
Jug r 3	f539	8,0	33,2
Mal d 3	f435	5,8	35,3
Mus m 1	e103	1,9	11,1
Ory c 2	e310	8,9	37,0
Pen m 3	f552	8,8	37,3
Zea m 14	f523	4,7	27,6

Table 1.: Expected values and acceptance ranges for QualityXplorer Lot 3100007.

Note: After a minimum number of measurements (e.g., 20 measurements), instrument-specific intervals (2 and 3 standard deviations) can be displayed via the QC module in RAPTOR Server Analysis Software. In this way, the laboratory-specific intervals for each allergen can be determined more precisely. The reference values are for informational purposes only and should not be regarded as rejection criteria if not met during a single run.