



QualityXplorer

Lot 3100005

Release date of expected values: January 13th 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 | 20,6 |
| Fel d 1 | e94 | 5,1 | 17,4 |
| Jug r 3 | f539 | 4,6 | 21,5 |
| Mal d 3 | f435 | 6,5 | 32,3 |
| Mus m 1 | e103 | 2,0 | 7,7 |
| Ory c 2 | e310 | 5,1 | 22,3 |
| Pen m 3 | f552 | 6,1 | 37,3 |
| Zea m 14 | f523 | 3,6 | 17,7 |

Table 1.: Expected values and acceptance ranges for QualityXplorer Lot 3100005.

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.