



## QualityXplorer

**Lot 3100005**

**Release date of expected values: January 13<sup>th</sup> 2026**

DESCRIPTION:

The QualityXplorer can be used as an internal quality control material to monitor the test performance of ALEX<sup>2</sup>, ALEX Air, ALEX Food or ALEX<sup>3</sup> 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 ALEX<sup>2</sup> and ALEX<sup>3</sup>, 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 <sub>A</sub> /L)	Expected max (kU <sub>A</sub> /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.