

## RIDA qLine® QC-Kit

Art. No: ZG1108 RIDA qLine® QC-Kit

### 1. Area of application

The RIDA qLine® QC-Kit is provided for examination of whole measuring and evaluation process. It includes the performance features of the RIDA qLine® Scan or a 3D-color flatbed scanner validated by R-Biopharm, respectively, as well as the accurate detection of the bands and the correct calculation by the software.

### 2. General

On the Strips of RIDA qLine® QC-Kit 5 standard bands and 4 times the standard curve representing the 20 allergen bands and 2 additional bands representing the CCD band and the positive control are printed. The bands are evenly spread on the strip surface in different intensities to make sure that the scanner is working properly over its scanning surface. The target values of the bands are stored in the software. If the QC strips, the scanner and the software are working properly every strip will be attributed with “valid”.

### 3. Principle of the test

The QC strips should be measured with the corresponding scanner in one measurement. The software scans either 1 strip holder with 10 strips or 2 strip holders with 2 times 10 strips. The standard curve (lines 1-5) is used to calculate the IU/ml and the RAST classes of the other bands of the same strip. The results of the bands (lines 6-27) are compared to the target values. Only a deviation of up to +/- 0.3 RAST classes is accepted. If all bands of a strip are within the target range the strip will be attributed as “valid”.

### 4. Package contents

The kit contains 10 RIDA qLine® QC strips printed with 27 bands of different color intensities.

### 5. Reagents and their storage

The RIDA qLine® QC-Kit must be stored at room temperature in a dark and dry place in the original package. The strips can be used as long as all strips are measured correctly. If the measurement of one or more strips failed please go to point 8. **Indication of strip deterioration.**

### 6. Necessary equipment

- RIDA qLine® Scan
- or
- R-Biopharm validated 3D-color flatbed scanner
- RIDA qLine® Soft Rel. 2.2 or higher
- Strip holder of the incubation set
- Scanner template for the flatbed scanner

### 7. Test performance

For performing a QC measurement please insert 10 or 20 QC strips into one or two strip holders of the incubation set. Please insert the strip holder with the 10 QC strips into the RIDA qLine® Scan or place the scanner template onto the glass surface of the flatbed scanner and make sure that the arrowhead of the scanner template is accompanied by the arrowhead of the scanner. The upper and the right side of the scanner template must be in contact with the upper and right boundary of the scanner field. Then insert the strip holder(s) with the QC strips into the upper position if 10 QC strips are used or in the upper and lower position if 20 QC strips in 2 strip holders are used.

In order to perform a QC measurement please select first the number of QC strips you want to use in the RIDA qLine® Soft in the menu system settings by activating the drop down menu “Settings”. Then start the QC measurement in the drop down menu “Settings”. For further information please go to the manual of the software RIDA qLine® Soft.

### 8. Indication of strip deterioration

If one or more lines on the different strips achieve wrong values then insert the QC strips with the not correctly evaluated band(s) at another position at the strip holder and repeat the QC measurement. In case the same strip(s) is (are) again invalid the panel(s) is (are) deteriorated. In case strips are not measured correctly the scanner is not working properly.

If one or more of the strips are deteriorated please order a new pack of RIDA qLine® QC-Kit strips.

If the scanner is not working properly please clean first the glass surface of the scanner and repeat the test. If the results are still not correct the scanner must be checked from the manufacturer or replaced by a new one. Please contact your local distributor.