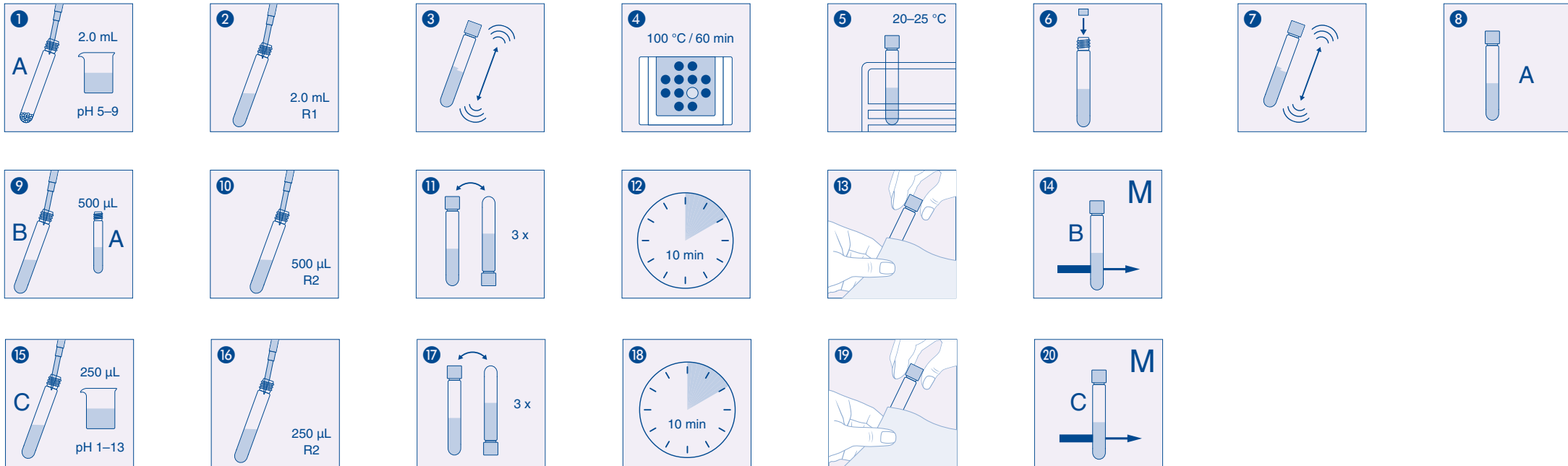


NANOCOLOR® gesamt-Kjeldahl-Stickstoff TKN 16
 total Kjeldahl nitrogen TKN / Azote total Kjeldahl TKN / Nitrógeno total Kjeldahl NTK

 **Test 0-67**
 REF 985067

Methode / Method / Méthode / Método 345 nm
 0671 1.00–16.0 mg/L TN_b
 0672 1.00–16.0 mg/L NO₃-N
 0673 1.00–16.0 mg/L TKN

Min	20–80 %		Max
1.00	4.00	13.0	16.0 mg/L TN _b
1.00	4.00	13.0	16.0 mg/L NO ₃ -N
1.00	4.00	13.0	16.0 mg/L TKN



The diagram illustrates the 20 steps of the test procedure:

1. Pipette 2.0 mL of sample into test tube A. pH 5–9.
2. Add 2.0 mL of reagent R1 to test tube A.
3. Mix the contents of test tube A by inversion.
4. Heat the test tube in a water bath at 100 °C for 60 min.
5. Cool the test tube to 20–25 °C.
6. Add a few drops of reagent R2 to test tube A.
7. Mix the contents of test tube A by inversion.
8. Measure the absorbance of test tube A at 345 nm.
9. Pipette 500 µL of sample into test tube B.
10. Add 500 µL of reagent R2 to test tube B.
11. Mix the contents of test tube B by inversion 3 times.
12. Heat the test tube in a water bath at 100 °C for 10 min.
13. Cool the test tube to 20–25 °C.
14. Measure the absorbance of test tube B at 345 nm (M).
15. Pipette 250 µL of sample into test tube C. pH 1–13.
16. Add 250 µL of reagent R2 to test tube C.
17. Mix the contents of test tube C by inversion 3 times.
18. Heat the test tube in a water bath at 100 °C for 10 min.
19. Cool the test tube to 20–25 °C.
20. Measure the absorbance of test tube C at 345 nm (M).