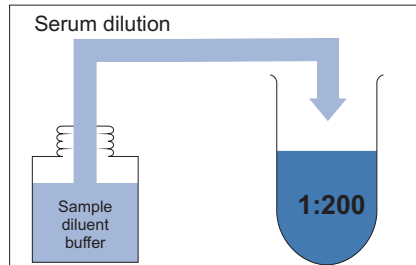
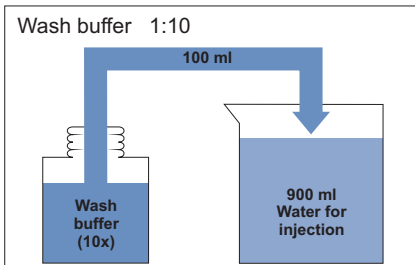
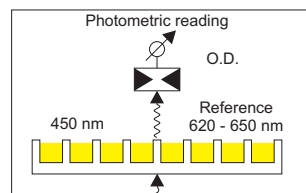
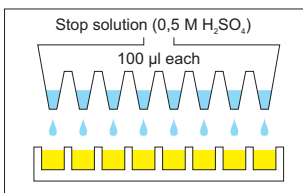
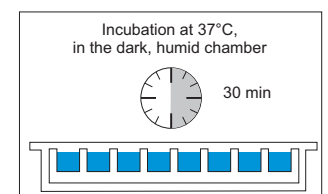
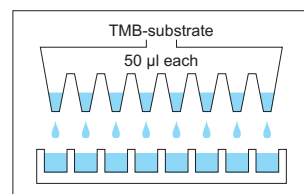
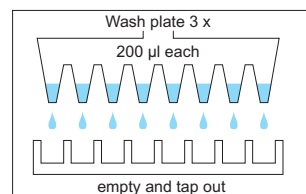
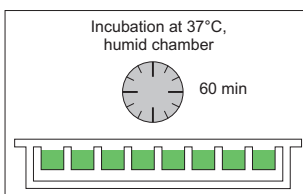
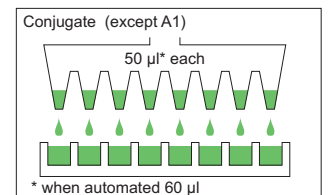
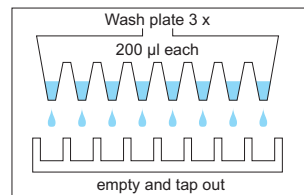
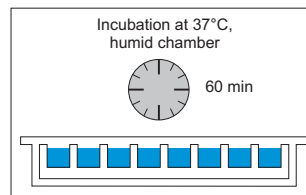
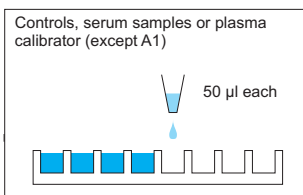


Preparation of the reagents:



Test run:



For test valuation and interpretation of results see overleaf

Test valuation:

- The photometric reading is performed at 450 nm (measuring wave length) and 620 - 650 nm (reference wave length).
- The OD of the blank is subtracted from all OD values.
- The mean OD of the **Negative control** has to be **< 0,150**.
- The mean OD of the **Positive control** has to be within the nominal range and the mean OD of the **Calibrator** has to exceed the upper limit of the grey zone as described in the batch specific data sheet, inserted into the kit.
- **Correction of the results:**
$$OD_{\text{corrected}} = \frac{\text{Nominal OD value of the Calibrator}}{\text{Measured OD of the Calibrator}} \times OD_{\text{measured}}$$
- **Quantification of the results:**
$$\text{Concentration [AU/ml]} = b / \left(\frac{a}{OD_{\text{corrected}}} - 1 \right)$$
- **Cut off = 10 AU/ml**
- **Grey zone = 9 - 11 AU/ml**

Interpretation of the results:

- Samples with OD values below the grey zone are reported as **NEGATIVE**.
- Samples with OD values within the grey zone are reported as **EQUIVOCAL**.
- Values within the grey zone should be controlled for titer movements by testing a second serum sample after 14 days in parallel with the initial serum sample.
- Samples with OD values exceeding the upper limit of the grey zone are reported as **POSITIVE**.