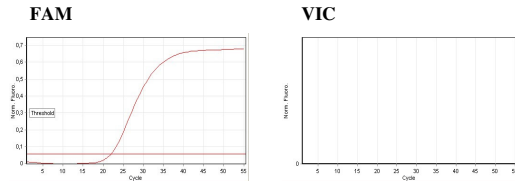


Interpretation scheme

RealAccurate Mycobacterium tuberculosis PCR Kit

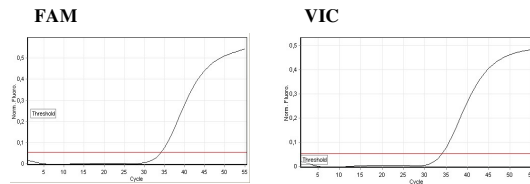
Clinical samples:

- Strong positive sample



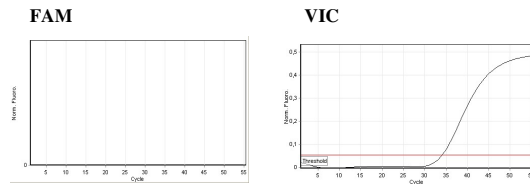
- FAM-signal (= M. tub) is present with a low Ct value.
- No VIC-signal (= internal control) due to competition of the primers.

- Positive sample



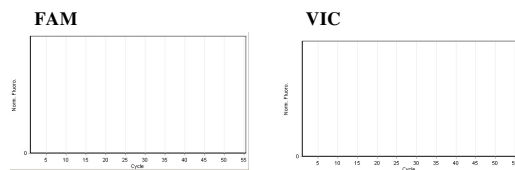
- FAM-signal (= M. tub) is present.
- VIC-signal (= internal control) is present.

- Negative sample



- No FAM-signal (= M. tub).
- VIC-signal (= internal control) is present.

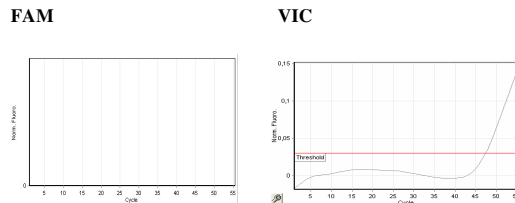
- Total inhibition



- No FAM-signal (= M. tub).
- No VIC-signal (= internal control).

The absence of both FAM-signal and VIC-signal indicates that there was inhibition of the PCR. Try diluting the sample 5x and retest it.

- Partial inhibition

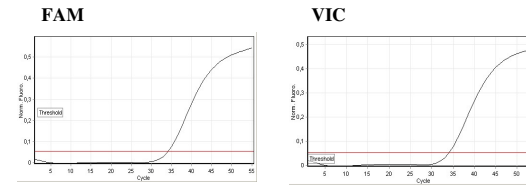


- No FAM-signal (= M. tub).
- A VIC-signal (= internal control) is present but the Ct value is higher than 39.

The Ct value of the internal control should normally be between 35 and 39. Try diluting the sample 5x and retest it.

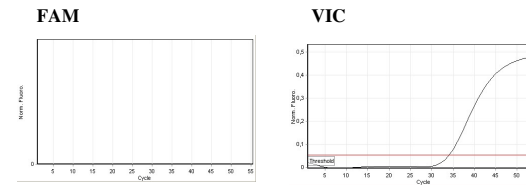
Control reactions:

- Positive control (M. bovis)



- FAM-signal (= M. tub) is present.
- VIC-signal (= internal control) is present.

- Negative control (M. smegmatis)



- No FAM-signal (= M. tub).
- VIC-signal (= internal control) is present.