

**PCR-/NAT *Salmonella enterica*
 (RV 537) Mai 2012**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

| | <i>Erwartet / expected</i> | | <i>Probenzusammensetzung / Sample composition</i> |
|---------|----------------------------|----|--|
| 1215371 | ++ | 61 | <i>S. enterica</i> ser. Enteritidis (~ 5x10 ⁴ CFU/mL) |
| 1215372 | ∅ | 62 | <i>Escherichia coli</i> K12 |
| 1215373 | +++ | 61 | <i>S. enterica</i> ser. Typhimurium (~ 5x10 ⁵ CFU/mL) |
| 1215374 | ∅ | 62 | <i>Campylobacter jejunii</i> |

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

| <i>n = 7</i> | <i>Probennummer (Sample no.)</i> | | | | | <i>Inhibition</i> | | | |
|--|----------------------------------|---------|---------|---------|-------------------|-------------------|---------|---------|---------|
| | 1215371 | 1215372 | 1215373 | 1215374 | | 1215371 | 1215372 | 1215373 | 1215374 |
| Befund <i>Result</i> | | | | | | | | | |
| Positiv | 6 | 0 | 7 | 0 | n.d. | 0 | 0 | 0 | 0 |
| Negativ | 1 | 7 | 0 | 7 | nein <i>no</i> | 7 | 7 | 7 | 7 |
| Fraglich <i>Questionable</i> | 0 | 0 | 0 | 0 | ja <i>yes</i> | 0 | 0 | 0 | 0 |

Tabelle 3: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwendern verschiedener Methoden.

Absolute numbers and relative frequency of reported true positive and true negative results among various NAT methods.

| NAT-Methode [Code] (total number *) | NAT richtig positiv <i>True positive results</i> | | | NAT richtig negativ <i>True negative results</i> | | |
|---|--|-----------------------------------|----------|--|-----------------------------------|----------|
| | Absolut <i>Absolute</i> | Relativ <i>Relative</i> | % | Absolut <i>Absolute</i> | Relativ <i>Relative</i> | % |
| Other commercial tests [27] (n = 1) | 1 | 1 / 2 | 50 | 2 | 2 / 2 | 100 |
| In house PCR assay [28] (n = 6) | 12 | 12 / 12 | 100 | 12 | 12 / 12 | 100 |