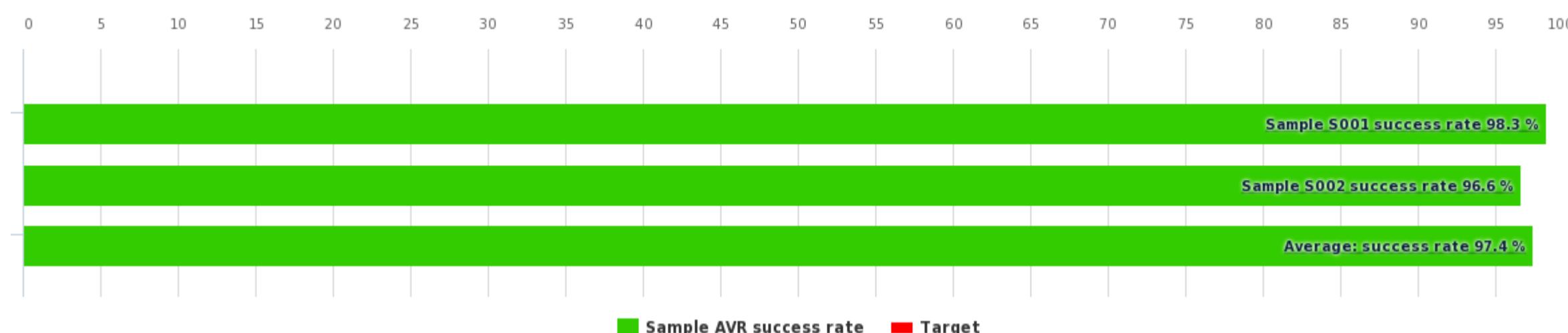


GLOBAL REPORT

| | No of participants | No of responded participants | Response percentage |
|---|--------------------|------------------------------|---------------------|
| Helicobacter pylori, antibodies, December, 4-2017 | 59 | 52 | 88.1 % |

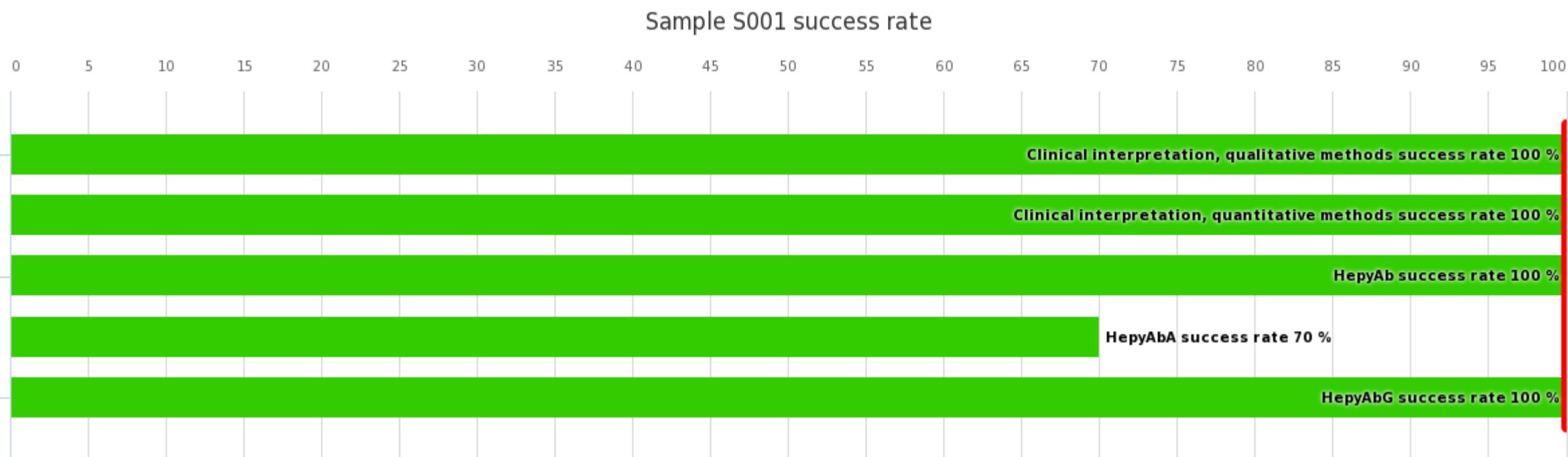
Summary

Overall success rate by samples



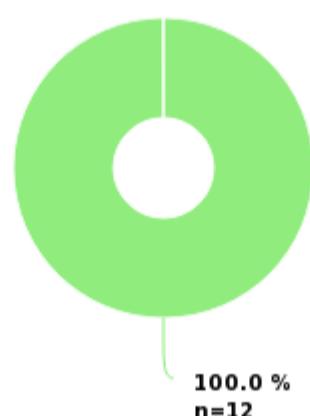
| Summary | AVR success rate |
|-------------|------------------|
| Sample S001 | 98.3 % |
| Sample S002 | 96.6 % |
| Average: | 97.4 % |

Sample S001

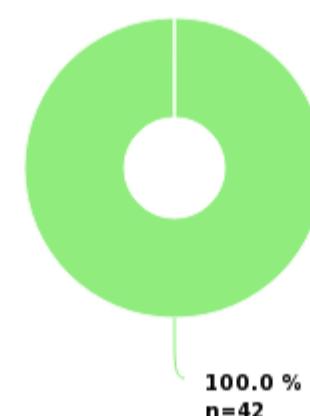


| Sample S001 results | Responded | AVR success rate | Count |
|---------------------|---|------------------|-------|
| | Clinical interpretation, qualitative methods | 100 % | 12 |
| | Clinical interpretation, quantitative methods | 100 % | 42 |
| | HepyAb | 100 % | 12 |
| | HepyAbA | 70 % | 10 |
| | HepyAbG | 100 % | 42 |
| Total: | | 98.3 % | 118 |

Sample S001 Clinical interpretation, qualitative methods

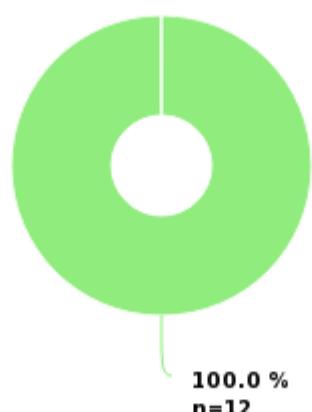


Sample S001 Clinical interpretation, quantitative methods

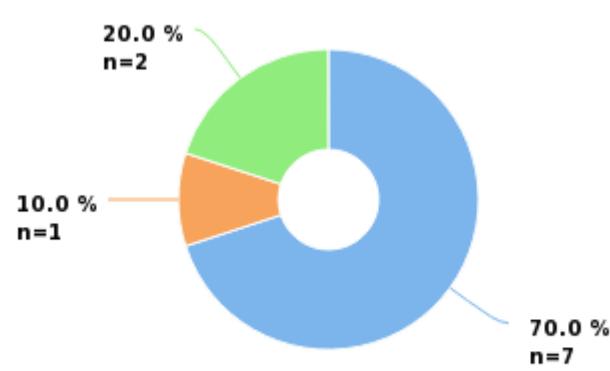
█ Active or past infection█ Active or past infection

| Clinical interpretation, qualitative methods | Interpretation | Interpretation count | AVR success rate | Interpretation score |
|---|--------------------------|----------------------|------------------|----------------------|
| | Active or past infection | 12 | 100 % | 4 |
| | Total: | 12 | 100 % | |
| Clinical interpretation, quantitative methods | Interpretation | Interpretation count | AVR success rate | Interpretation score |
| | Active or past infection | 42 | 100 % | 4 |
| | Total: | 42 | 100 % | |

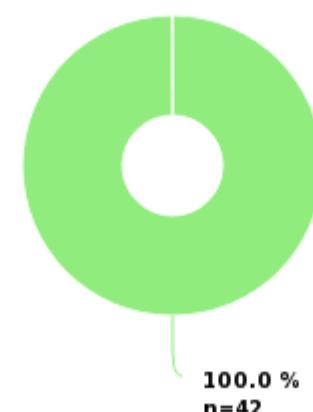
Sample S001 HepyAb



Sample S001 HepyAbA



Sample S001 HepyAbG

■ Positive■ Negative ■ Borderline ■ Positive■ Positive

| HepyAb | Interpretation | Test | Interpretation count | Test count | AVR success rate | Interpretation score |
|--------|----------------|---|----------------------|------------|------------------|----------------------|
| | Positive | | 12 | | 100 % | 2 |
| | | AccuBiotech ACCU-TELL Rapid H. pylori Antibody Test | | 1 | | |
| | | Biomaxima HELICO H. pylori Ab | | 1 | | |
| | | Liaison H. pylori Ab (Diasorin) | | 2 | | |
| | | Meridian Bioscience Immunocard H. pylori Ab | | 1 | | |
| | | Meridian Bioscience Premier H. pylori Ab | | 5 | | |
| | | Standard Diagnostics SD Bioline H. pylori Ab | | 1 | | |
| | | SureScreen Diagnostics H. pylori Ab Cassette | | 1 | | |
| | Total: | | 12 | | 100 % | |

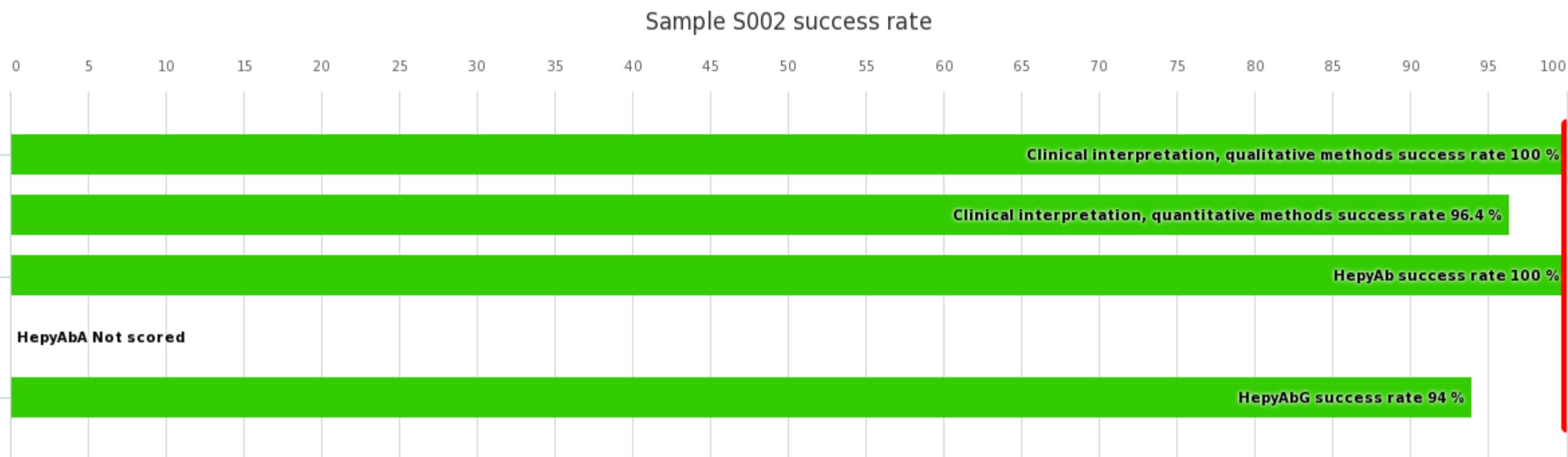
| HepyAbA | Interpretation | Test | Interpretation count | Test count | AVR success rate | Interpretation score |
|---------|----------------|---|----------------------|------------|------------------|----------------------|
| | Negative | | 7 | | 100 % | 2 |
| | | Euroimmun Anti-Helicobacter pylori CagA IgA ELISA | | 1 | | |
| | | Euroimmun Helicobacter pylori IgA EIA/ELISA | | 3 | | |
| | | IBL Helicobacter pylori IgA ELISA | | 1 | | |
| | | Siemens Enzygnost Anti-Helicobacter pylori IgA EIA | | 2 | | |
| | Borderline | | 1 | | 0 % | 0 |
| | | Euroimmun Helicobacter pylori IgA EIA/ELISA | | 1 | | |
| | Positive | | 2 | | 0 % | 0 |
| | | DiaPro Diagnostics HP IgA ELISA | | 1 | | |
| | | Orgentec Alegria Anti-Helicobacter pylori IgA ELISA | | 1 | | |
| | Total: | | 10 | | 70 % | |

| HepyAbG | Interpretation | Test | Interpretation count | Test count | AVR success rate | Interpretation score |
|---------|----------------|---|----------------------|------------|------------------|----------------------|
| | Positive | | 42 | | 100 % | 2 |
| | | Biohit GastroPanel H. pylori IgG ELISA | | 1 | | |
| | | bioMerieux Vidas H. pylori IgG | | 5 | | |
| | | DiaPro Diagnostics HP IgG ELISA | | 1 | | |
| | | Diasorin Liaison H. pylori IgG | | 4 | | |
| | | Diesse Chorus H. pylori IgG ELISA | | 1 | | |
| | | Euroimmun Helicobacter pylori IgG EIA/ELISA | | 12 | | |
| | | In-house H. pylori IgG ELISA | | 1 | | |
| | | Inova Diagnostics QUANTA Lite Helicobacter pylori ELISA | | 2 | | |
| | | Meridian Bioscience Premier H. pylori IgG EIA | | 1 | | |
| | | Orgentec Alegria Anti-Helicobacter pylori IgG ELISA | | 1 | | |
| | | SERION classic Helicobacter pylori IgG ELISA | | 1 | | |
| | | Siemens Enzygnost Anti-Helicobacter pylori IgG EIA | | 6 | | |
| | | Siemens Immulite H. pylori IgG | | 4 | | |
| | | Vircell Helicobacter pylori VirClia IgG | | 1 | | |
| | | ZEUS H. pylori IgG ELISA | | 1 | | |
| | Total: | | 42 | | 100 % | |

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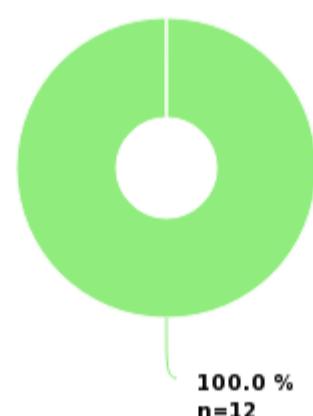
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Sample S002

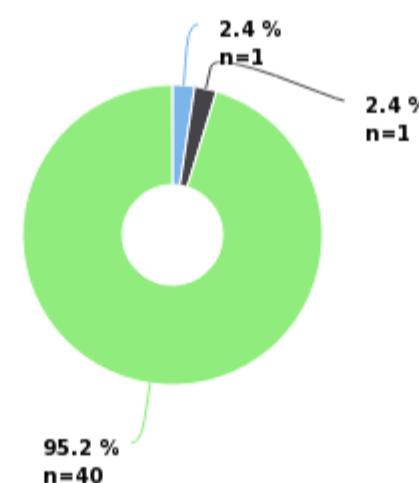


| Sample S002 results | Responded | AVR success rate | Count |
|---------------------|---|------------------|-------|
| | Clinical interpretation, qualitative methods | 100 % | 12 |
| | Clinical interpretation, quantitative methods | 96.4 % | 42 |
| | HepyAb | 100 % | 12 |
| | HepyAbA | - | 10 |
| | HepyAbG | 94 % | 42 |
| Total: | | 96.6 % | 118 |

Sample S002 Clinical interpretation, qualitative methods

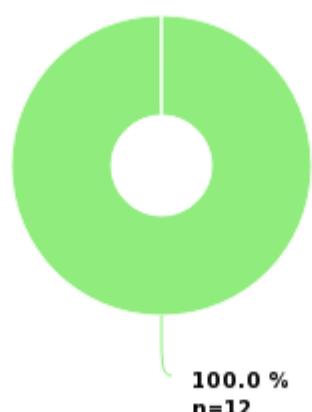


Sample S002 Clinical interpretation, quantitative methods



| Clinical interpretation, qualitative methods | Interpretation | Interpretation count | AVR success rate | Interpretation score |
|---|----------------------------|----------------------|------------------|----------------------|
| | Active or past infection | 12 | 100 % | 4 |
| | Total: | 12 | 100 % | |
| Clinical interpretation, quantitative methods | Interpretation | Interpretation count | AVR success rate | Interpretation score |
| | No indication of infection | 1 | 0 % | 0 |
| | Borderline interpretation | 1 | 50 % | 2 |
| | Active or past infection | 40 | 100 % | 4 |
| | Total: | 42 | 96.4 % | |

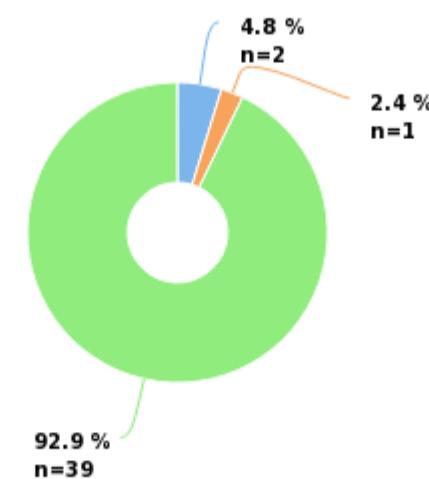
Sample S002 HepyAb



Sample S002 HepyAbA



Sample S002 HepyAbG

█ Positive█ Negative █ Positive█ Negative █ Borderline █ Positive

| HepyAb | Interpretation | Test | Interpretation count | Test count | AVR success rate | Interpretation score |
|--------|----------------|---|----------------------|------------|------------------|----------------------|
| | Positive | | 12 | | 100 % | 2 |
| | | AccuBiotech ACCU-TELL Rapid H. pylori Antibody Test | | 1 | | |
| | | Biomaxima HELICO H. pylori Ab | | 1 | | |
| | | Liaison H. pylori Ab (Diasorin) | | 2 | | |
| | | Meridian Bioscience Immunocard H. pylori Ab | | 1 | | |
| | | Meridian Bioscience Premier H. pylori Ab | | 5 | | |
| | | Standard Diagnostics SD Bioline H. pylori Ab | | 1 | | |
| | | SureScreen Diagnostics H. pylori Ab Cassette | | 1 | | |
| | Total: | | 12 | | 100 % | |

| HepyAbA | Interpretation | Test | Interpretation count | Test count | AVR success rate | Interpretation score |
|---------|----------------|---|----------------------|------------|------------------|----------------------|
| | Negative | | 4 | | - | - |
| | | Euroimmun Helicobacter pylori IgA EIA/ELISA | | 1 | | |
| | | Orgentec Alegria Anti-Helicobacter pylori IgA ELISA | | 1 | | |
| | | Siemens Enzygnost Anti-Helicobacter pylori IgA EIA | | 2 | | |
| | Positive | | 6 | | - | - |
| | | DiaPro Diagnostics HP IgA ELISA | | 1 | | |
| | | Euroimmun Anti-Helicobacter pylori CagA IgA ELISA | | 1 | | |
| | | Euroimmun Helicobacter pylori IgA EIA/ELISA | | 3 | | |
| | | IBL Helicobacter pylori IgA ELISA | | 1 | | |
| | Total: | | 10 | | | |

| HepyAbG | Interpretation | Test | Interpretation count | Test count | AVR success rate | Interpretation score |
|---------|----------------|---|----------------------|------------|------------------|----------------------|
| | Negative | | 2 | | 0 % | 0 |
| | | DiaPro Diagnostics HP IgG ELISA | | 1 | | |
| | | Euroimmun Helicobacter pylori IgG EIA/ELISA | | 1 | | |
| | Borderline | | 1 | | 50 % | 1 |
| | | Siemens Enzygnost Anti-Helicobacter pylori IgG EIA | | 1 | | |
| | Positive | | 39 | | 100 % | 2 |
| | | Biohit GastroPanel H. pylori IgG ELISA | | 1 | | |
| | | bioMerieux Vidas H. pylori IgG | | 5 | | |
| | | Diasorin Liaison H. pylori IgG | | 4 | | |
| | | Diese Chorus H. pylori IgG ELISA | | 1 | | |
| | | Euroimmun Helicobacter pylori IgG EIA/ELISA | | 11 | | |
| | | In-house H. pylori IgG ELISA | | 1 | | |
| | | Inova Diagnostics QUANTA Lite Helicobacter pylori ELISA | | 2 | | |
| | | Meridian Bioscience Premier H. pylori IgG EIA | | 1 | | |
| | | Orgentec Alegria Anti-Helicobacter pylori IgG ELISA | | 1 | | |
| | | SERION classic Helicobacter pylori IgG ELISA | | 1 | | |
| | | Siemens Enzygnost Anti-Helicobacter pylori IgG EIA | | 5 | | |
| | | Siemens Immulite H. pylori IgG | | 4 | | |

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| | | | | | |
|--------|---|----|---|------|--|
| | Vircell Helicobacter pylori VirClia IgG | | 1 | | |
| | ZEUS H. pylori IgG ELISA | | 1 | | |
| Total: | | 42 | | 94 % | |