

# Material Safety Data Sheet (MSDS)

## Micro Detect, Inc.



MDI

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Attn: Safety Director

Lab:

Company: Bio-Rad

### MATERIAL SAFETY DATA SHEET

PRODUCT: Pylori Detect Ig (A), (G)

CATALOGUE NUMBER: HpKi- (A), (G)

INTENDED USE: For Detection of Antibodies to *Helicobacter pylori* in human serum.

Reagents and materials supplied: Each PYLORI DETECT kit contains:

1. 12 x 8-well microtiter strips, coated with *H. pylori* specific antigen
2. Diluent/Wash (concentrate), containing PBS, Tween.
3. Conjugate, containing anti human IgG (or A) in aqueous protein diluent, preserved with 0.001% Proclin 300, 0.01% methylisothiazolone, and 0.01% bromonitrodioxane.
4. Substrate (TMB)
5. Stop Solution (0.5 N H<sub>2</sub>SO<sub>4</sub>)
6. Positive Control, contains Human Serum and Sodium Azide.
7. Calibrator, contains Human Serum and Sodium Azide.
8. Negative Control, contains Human Serum and Sodium Azide.

Warning and precautions:

- Do not pipette Reagents by mouth
- Stop solution is 0.5 N H<sub>2</sub>SO<sub>4</sub>, avoid contact with skin
- Controls contain human serum. Sera have been tested and found non-reactive for HbsAg and antibodies to HCV and HIV. Since no known method can offer complete assurance that infectious agents are absent, controls and calibrator must be handled as recommended by the CDC/NIH health manual.
- Controls and calibrator contains Sodium Azide. Sodium Azide is a toxic substance. Sodium Azide may react with lead and copper plumbing to form explosive metal azide. Dispose reagents with large volume of water according to state and local regulations.
- Conjugate contains Proclin, which is toxic.

Antigen used:

Antigen used for coating Microwells is proteins obtained from *H. pylori* and **does not** contain intact Bacteria.

Stability:

At 2-8° C one year from manufacturing date.

Storage:

2-8° C. DO NOT FREEZE