ARUP Inactivation of Helicobacter Pylori Serology

To better support quality care, ARUP has, effective immediately, inactivated serology testing for the following test codes:

- *Helicobacter pylori* Antibody, IgA (ARUP test code 0050995) - LAB157
- *Helicobacter pylori* Antibody, IgG (ARUP test code 0099359)
- *Helicobacter pylori* Antibody, IgM (ARUP test code 0098392) - LAB2108
- *Helicobacter pylori* Antibodies, IgG & IgA (ARUP test code 0050994) - LAB2107

Clients are being advised to order:

- *Helicobacter pylori* Antigen, Stool (Epic test code LAB397) or
- *Helicobacter pylori* Breath Test, Adult (ARUP test code 2010476) or
- *Helicobacter pylori* Breath Test, Pediatric (ARUP test code 2010925)

These changes have been made in support of current diagnostic guidelines recommended by the American College of Gastroenterology (ACG) and the American Gastroenterology Association (AGA).

Antibody tests cannot distinguish between active and past infection with adequate sensitivity and specificity. Despite older literature suggesting that IgG serology can be used as a test of cure after 18 months, this was shown to be inaccurate. Both stool antigen test (performed at Providence Regional Microbiology Laboratory) and the urea breath test (performed at our reference laboratory) are FDA cleared for use as a test of eradication and will replace serological testing for *H. pylori*.

In-house testing for *Helicobacter pylori* antibody, IgG (LAB158) will continue until further notice.

For more information, please contact Providence Lab Services at (503) 215-6660.