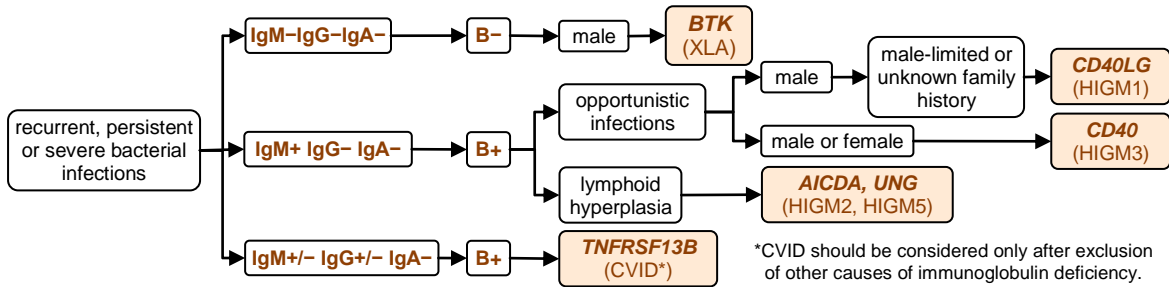


## Ordering Information for B-Cell Deficiency Testing: Hyper IgM Syndrome (HIGM), X-Linked Agammaglobulinemia (XLA), Common Variable Immunodeficiency (CVID)

### Indications for Testing

- Recurrent, persistent, or severe bacterial infections
- Low serum immunoglobulin levels
- Family history of recurrent or persistent infections, or a family history of XLA, HIGM, or CVID

### Guidelines for Test Selection



### Ordering Information for Single Gene Tests

Test-Specific Indication	Indicated Test	CPT Codes	Test Code
• IgM+ IgG-IgA-; B+	<b>AICDA</b> (HIGM2)	83891(1) 83892(1) 83898(5) 83904(10) 83909(10) 83912(1)	100101
• IgM+ IgG- IgA-; B+	<b>UNG</b> (HIGM5)	83891(1) 83892(1) 83898(7) 83904(14) 83909(14) 83912(1)	100102
• IgM+ IgG- IgA-; B+	<b>CD40</b> ( <i>TNFRSF5</i> ) (HIGM3)	83891(1) 83892(1) 83898(9) 83904(18) 83909(18) 83912(1)	100103
• IgM+ IgG- IgA-; B+ • X-linked	<b>CD40LG</b> ( <i>TNFRSF5</i> ) (HIGM1)	83891(1) 83892(1) 83898(6) 83904(12) 83909(12) 83912(1)	100104
• IgM- IgG- IgA-; B- • X-linked	<b>BTK</b> (XLA)	83891(1) 83892(1) 83898(18) 83904(36) 83909(36) 83912(1)	100201
• IgM <sup>+/-</sup> IgG <sup>+/-</sup> IgA <sup>-</sup> ; B <sup>+</sup> • onset of symptoms usually in older patients	<b>TNFRSF13B</b> ( <i>TAC1</i> ) (CVID)	83891(1) 83892(1) 83898(5) 83904(10) 83909(10) 83912(1)	100701

### Ordering Information for Multi-Gene Panels\*\*

• IgM+ IgG- IgA-; B+	<b>AICDA, UNG</b> (HIGM2/5)	83891(1) 83892(1) 83898(12) 83904(24) 83909(24) 83912(3)	100199
• IgM+ IgG- IgA-; B+	<b>AICDA, UNG, CD40</b> (HIGM, autosomal recessive)	83891(1) 83892(1) 83898(21) 83904(42) 83909(42) 83912(4)	100198
• IgM+ IgG- IgA-; B+	<b>AICDA, UNG, CD40, CD40LG</b> (HIGM)	83891(1) 83892(1) 83898(27) 83904(54) 83909(54) 83912(5)	100197

\*\*For multi-gene panels, a summary report will be issued in addition to an abbreviated report for each individual gene.

### Family Testing (single amplicon)

<b>(applies to all genes)</b>	83891(1) 83892(1) 83898(1) 83904(2) 83909(2) 83912(1)	use single-gene test code
-------------------------------	--	------------------------------

### Test Methodology and Sample Requirements

- Amplification by polymerase chain reaction (PCR); sequencing of entire protein-coding region
- For blood samples:
  - 2ml whole blood in EDTA tube (lavender top)
  - Samples can be stored briefly at 4°C, but should be shipped on day of collection.
- For buccal swab samples:
  - Please contact client services at 1-866-647-0735 for instructions.
- All sample types should be shipped overnight at room temperature.
- To request a sample shipping kit, please call 1-866-647-0735.

### Turn-around Times

Turn-around times typically range from 7 to 21 days of receipt of sample and all required forms, but may vary depending on test volume and test-specific technical difficulties. Current TATs are posted on our website. Please schedule patient follow-up appointments for discussion of test results conservatively at 6 weeks.

**For more information, please contact Correlagen Diagnostics, Inc., at 1-866-647-0735  
or visit us on the web at [www.correlagen.com](http://www.correlagen.com).**