

## Chronic Urticaria Index

Order Name: **CU INDEX**  
Test Number: 5587555  
Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
Chronic Urticaria Index	Ex-Vivo challenge and cell culture/Histamine analysis	

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	1.5 mL (0.15 mL)	Serum	Clot Activator (SST or Red No-Gel)	Room Temperature
Instructions	<p><b>Specimen Type:</b> Red-top tube or gel-barrier tube</p> <p><b>Specimen Storage:</b> Maintain specimen at room temperature Stability: Room temperature up to 1 week Frozen up to 1 year</p> <p><b>Specimen Collection:</b> Serum should be separated from cells within two hours of venipuncture. Send serum in a plastic transport tube.</p> <p><b>Special Instructions:</b> Testing referred to Eurofins Viracor LLC TC 2103</p> <p><b>Specimen Stability:</b> Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available</p>			

GENERAL INFORMATION	
Expected TAT	6 - 11 days
Clinical Use	<p>Patients with a chronic form of urticaria who are positive (&gt; 10) with the CU index® have an autoimmune basis for their disease. A positive result does not indicate which autoantibody (anti-IgE, anti-FcεRI or anti-FcεRII) is present.</p> <p>Ex-Vivo Challenge and cell culture: Donor blood cells are incubated with patient serum, a negative control and a positive control. Following the ex-vivo challenge, the cells are centrifuged and the supernatant is recovered for assay of histamine released. Histamine Analysis: Using a quantitative enzyme immunoassay, the histamine released into the supernatant is measured and compared to the total histamine in the basophils. This test has not been cleared or approved for diagnostic use by the U.S. Food and Drug Administration.</p>
Performing Labcorp Test Code	820022
Notes	Labcorp Test Code: 820022
CPT Code(s)	86352
Lab Section	Reference Lab