

## IQIsolate™ - Innovative Process powering IsolateMS

IQIsolate is a proprietary process utilizing machine learning methods to develop a suite of algorithms that analyze expression of RNA markers detected in a simple blood sample. IQuity's peer-reviewed research revealed that RNA expression patterns detectable in blood samples of patients with autoimmune conditions, such as IBS, Crohn's or ulcerative colitis, and non-autoimmune conditions with similar symptoms vary widely. These RNA patterns are present at the onset of symptoms. **IQIsolate** measures the expression of RNA markers that are extracted from a patient's blood sample and matches this RNA profile against healthy and sick patient profiles identified through our research. This analysis determines if the patient's gene expression pattern is consistent with a specific disease.

Research efforts for this novel technology began at Vanderbilt University Medical Center more than 12 years ago with funding from the National Institutes of Health. IQuity is commercializing this research and introduced its first test for multiple sclerosis, Isolate**MS**, for clinical use in summer 2017. Isolate**IBS-IBD** will be available by October and Isolate**Fibromyalgia** later in the year.

**These discoveries will help millions of patients receive an early, accurate diagnosis. For more information visit [iquity.com](http://iquity.com)**



Specialty Diagnostic Technologies

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# When your provider suspects IBS or IBD (Crohn's or ulcerative colitis)



# Time Matters

**Receiving an early diagnosis means getting treatment faster.**

Early treatment leads to the best long term outcomes. At IQuity we are focused on improving the process of diagnosing IBS, Crohn's and ulcerative colitis and helping patients lead better lives.

**Diagnose Faster. Treat Sooner. Live Better.**

Isolate **IBS-IBD**™



# What Now?

**The current diagnostic process can be lengthy, costly, and frustrating.**

You might have multiple physician visits, a colonoscopy and other tests or procedures before you get a definitive diagnosis – all the while, pain continues and for IBD patients, damage is increasing.

But, now there is a new test to help your provider – a blood-based RNA test that is greater than 90% accurate at the earliest sign of symptoms; a blood test that will give your provider a result in as little as 7 days.

**Isolate** IBS-IBD™



## What is an RNA Test?

An RNA test looks inside your cells at what is going on in real-time. We'll take a tube of your blood and isolate the RNA using gold standard procedures. Then applying our proprietary methods, we'll compare your RNA to thousands of test subjects to see if your RNA looks like IBS or IBD, or neither. If the test shows you are a match for IBD, it will indicate if your gene expression pattern looks more like Crohn's or ulcerative colitis.



## What to Expect:

1. Your provider will order the test.
2. IQuity Customer Care will contact you via email (or by phone if you do not have an email address) to get the test and payment process started.
3. IQuity will ship your kit to you or your provider based on the information in Step 2. (Do Not Open the Kit)
4. Your blood will be drawn and shipped to IQuity's CLIA certified lab.
5. IQuity lab technicians will analyze your sample using our proprietary methods.
6. Your results will be delivered to your provider approximately 7 days after the sample is received.