

## Esoteric Tests Coding and Billing

[Home](#) / [Expert Witness](#) /  
[Pathology and Lab Test Coding and Billing](#) /  
[Esoteric Tests Coding and Billing](#)

## What do we do regarding esoteric tests expert witness work?

The esoteric tests expert witness work regarding coding and billing includes reviewing the test charge amounts versus national and regional charge averages, evaluating MUEs which are “Medically Unlikely Edits” as well as the cost of care based on national and regional rates. In states where the standard allows experts to provide opinions on net reimbursement rates, 50th, 75th, and 90th percentile data may be presented. Determining usual customary and reasonable costs for esoteric tests or any new area of medicine requires careful research to find data that represents the market rates in a specified A Core Based Statistical Area (CBSA). A CBSA is a U.S. geographic area defined by the Office of Management and Budget (OMB) that consists of one or more counties (or equivalents) anchored by an urban center of at least 10,000 people plus adjacent counties that are socioeconomically tied to the urban center by commuting.. Identification of providers who perform the tests in a similar time frame and setting may also be relevant. Also, national correct coding initiative algorithms may be used to evaluate the tests versus national coverage determination and local coverage determination policies.

## What is Esoteric Testing?

**The analysis of 'rare' substances or molecules that are not performed in a routine clinical lab.**

Esoteric tests are the analysis of unique, "niche" assays not routinely performed in clinical laboratories as they often require specialized personnel. Some of these tests have been or are currently being analyzed using RIA (radioimmunoassay) technique which is both costly and time consuming. All laboratories will benefit from volume increases due to both population growth and the aging population, an increase in the number of tests per patient, and an increase in esoteric and genomic tests which are part of the trend to customize treatments.

## Categories of Esoteric Test

Esoteric tests are generally considered to include Biochemical Genetics, Cytogenetics/FISH, Flow Cytometry, Microbiology, Molecular Genetic Pathology, RBC, Special Studies, Special Coagulation, and Virology.

See also our page regarding [expert witness services for pathology coding and billing](#).

## esoteric test opinions

Tests including: Biochemical Genetics, Cytogenetics/FISH, Flow Cytometry, Microbiology, Molecular Genetic Pathology, RBC, Special Studies, Special Coagulation, Virology

Show  entries

Search:

Category	Description	Abbrev Code	CPT
Red Blood Cell (RBC) Special Studies Laboratory	ADENOSINE DEAMINASE (ADA), BLOOD, QUANTITATIVE	ADAQ	82657



Michael Arrigo expert witness in Federal State and Civil Courts on ACA, HIPAA, Healthcare costs in malpractice and personal injury, False Claims Act cases involving Medicare Advantage and Electronic Health Records.

[CONTACT](#)

Red Blood Cell (RBC) Special Studies Laboratory	EMA (EOSIN-5-MALEIMIDE) BY FLOW CYTOMETRY	EMA	
Red Blood Cell (RBC) Special Studies Laboratory	GLUCOSE-6-PHOSPHATE DEHYDROGENASE, QUANTITATIVE, WHOLE BLOOD	G6PDQT	
Red Blood Cell (RBC) Special Studies Laboratory	HEMOGLOBIN F QUANTITATIVE	HGBFQ	
Red Blood Cell (RBC) Special Studies Laboratory	HEMOGLOBIN QUANTITATION / FRACTIONATION BY CAPILLARY ZONE ELECTROPHORESIS	HGBQ	
Red Blood Cell (RBC) Special Studies Laboratory	HEMOGLOBIN S QUANTITATIVE	HGBSQ	
Red Blood Cell (RBC) Special Studies Laboratory	OSMOTIC FRAGILITY, RBC	OF	
Red Blood Cell (RBC) Special Studies Laboratory	PURINE NUCLEOSIDE PHOSPHORYLASE (PNP) QUANTITATIVE	PNPQ	
Red Blood Cell (RBC) Special Studies Laboratory	RBC ENZYME PANEL	RBCENZ	
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	ACYLCARNITINE PROFILE, QUANTITATIVE	ACYLP	82017
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	AMINO ACIDS, BLOOD SPOT	AABS	
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	AMINO ACIDS, QUANTITATIVE, CSF	AACSF	
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	AMINO ACIDS, QUANTITATIVE, PLASMA	AAP	

Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	AMINO ACIDS, QUANTITATIVE, URINE	AAUR
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	BIOTINIDASE	BTDASE
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	BRANCHED CHAIN AMINO ACIDS	BCAA
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	CARNITINE, FREE AND TOTAL, PLASMA/SERUM	CARN
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	CARNITINE, FREE AND TOTAL, URINE	UCARN
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	METHYLMALONIC ACID, SERUM	MMAS
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	MUCOPOLYSACCHARIDES, TLC, URINE	MPSTLC
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	MUCOPOLYSACCHARIDES, URINE, QUANTITATIVE	MPSQNT
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	OLIGOSACCHARIDES, TLC, URINE	OSTLC
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	ORGANIC ACIDS, QUALITATIVE, URINE	UORG
Metabolic diseases : defects in the biochemical pathways of amino acids, organic acids, fatty acids and carbohydrates.	OROTIC ACID, URINE	UOROT
Metabolic diseases : defects in the biochemical pathways of	PHENYLALANINE AND TYROSINE	PHATYR

amino acids, organic acids, fatty acids and carbohydrates.

Showing 1 to 25 of 240 entries

[<Previous](#) [Next>](#)

[/fusion\_text]

(Visited 16 times, 8 visits today)

[!\[\]\(74d4806277d7e73349d8e8c0897931e9\_img.jpg\)](#) [!\[\]\(5f42d2cd7ad901bc24e5d35a38c777fd\_img.jpg\)](#) [!\[\]\(628bc0b1ef2b63d1fc4442fb794e3e78\_img.jpg\)](#) [!\[\]\(210e01d0c2c300cf4405442bfd570b4e\_img.jpg\)](#) [Share](#)