

If a conflict arises between a Clinical Payment and Coding Policy and any plan document under which a member is entitled to Covered Services, the plan document will govern. If a conflict arises between a CPCP and any provider contract pursuant to which a provider participates in and/or provides Covered Services to eligible member(s) and/or plans, the provider contract will govern. "Plan documents" include, but are not limited to, Certificates of Health Care Benefits, benefit booklets, Summary Plan Descriptions, and other coverage documents. Blue Cross and Blue Shield of Texas may use reasonable discretion interpreting and applying this policy to services being delivered in a particular case. BCBSTX has full and final discretionary authority for their interpretation and application to the extent provided under any applicable plan documents.

Providers are responsible for submission of accurate documentation of services performed. Providers are expected to submit claims for services rendered using valid code combinations from Health Insurance Portability and Accountability Act approved code sets. Claims should be coded appropriately according to industry standard coding guidelines including, but not limited to: Uniform Billing Editor, American Medical Association, Current Procedural Terminology, CPT® Assistant, Healthcare Common Procedure Coding System, ICD-10 CM and PCS, National Drug Codes, Diagnosis Related Group guidelines, Centers for Medicare and Medicaid Services National Correct Coding Initiative Policy Manual, CCI table edits and other CMS guidelines.

Claims are subject to the code edit protocols for services/procedures billed. Claim submissions are subject to claim review including but not limited to, any terms of benefit coverage, provider contract language, medical policies, clinical payment and coding policies as well as coding software logic. Upon request, the provider is urged to submit any additional documentation.

Identification of Microorganisms Using Nucleic Acid Probes

Policy Number: CPCPLAB063

Version 1.0

Approval Date: February 5, 2025

Plan Effective Date: May 15, 2025

Description

The plan has implemented certain lab management reimbursement criteria. Not all

requirements apply to each product. Providers are urged to review Plan documents for eligible coverage for services rendered.

Reimbursement Information:

A discussion of every infectious agent that might be detected with a probe technique is beyond the scope of this policy. Many probes have been combined into panels of tests. For the purposes of this policy, only individual probes are reviewed.

 The reimbursement status of nucleic acid identification using direct probe, amplified probe, or quantification for the microorganism's procedure codes is summarized in Table 1 below. "MBR" in the table below indicates that the test may be reimbursable while "INR" tests indicates that the test, is not reimbursable.

Table 1

Microorganism	Direct Probe	Amplified Probe	Quantification
Bartonella henselae		87471(MBR)	87472 (INR)
or quintana			
Non-vaginal		87481 (INR)	87482 (INR)
Candida species	87480 (INR)		
CL L	07405 (MADD)	07406 (MADD)	07.407.((NIP)
Chlamydia	87485 (MBR)	87486 (MBR)	87487 (INR)
pneumoniae			
Clostridium difficile		87493 (MBR)	
Cytomegalovirus	87495 (MBR)	87496 (MBR)	87497 (MBR)
Enterococcus,		87500 (MBR)	
Vancomycin-			
resistant (e.g.,			
enterococcus vanA,			
vanB)			
Enterovirus		87498 (MBR)	
Hepatitis G	87525 (INR)	87526 (INR)	87527 (INR)
Herpes-virus-6	87531 (INR)	87532 (INR)	87533 (MBR)
Legionella	87540 (MBR)	87541 (MBR)	87542 (INR)
pneumophila			
Mycoplasma	87580 (MBR)	87581 (MBR)	87582 (INR)
pneumoniae			
Orthopoxvirus		87593 (MBR)	

Respiratory	87634 (MBR)	
syncytial virus		
Staphylococcus	87640 (MBR)	
aureus		
Staphylococcus	87641 (MBR)	
aureus, methicillin		
resistant		

^{*}MRB – may be reimbursable; INR – is not reimbursable

2. Simultaneous ordering of any combination of direct probe, amplified probe, and/or quantification for the same organism in a single encounter **is not reimbursable.**

Procedure Codes

The following is not an all-encompassing code list. The inclusion of a code does not guarantee it is a covered service or eligible for reimbursement.

Codes

87471, 87472, 87480, 87481, 87482, 87485, 87486, 87487, 87493, 87495, 87496, 87497, 87498, 87500, 87525, 87526, 87527, 87531, 87532, 87533, 87540, 87541, 87542, 87580, 87581, 87582, 87593, 87634, 87640, 87641

References:

- AAP Committee on Infectious Diseases. (2018). *Red Book*® *2018*. https://publications.aap.org/aapbooks/book/546/Red-Book-2018-Report-of-the-Committee-on
- CDC. (2024a, January 10). *Clinical Guidance for Bartonella henselae*. https://www.cdc.gov/bartonella/hcp/bartonella-henselae/
- CDC. (2024b). Clinical Testing and Diagnosis for CDI. https://www.cdc.gov/c-diff/hcp/diagnosis-testing/
- CDC. (2024c, October 28). *Diagnostic Testing for RSV*. https://www.cdc.gov/rsv/hcp/clinical-overview/diagnostic-testing.html
- CDC. (2024d, May 29). *Identification of Candida auris*. https://www.cdc.gov/candida-auris/hcp/laboratories/identification-of-c-auris.html
- CDC. (2024e, November 15). *Laboratory Testing for Chlamydia pneumoniae*. https://www.cdc.gov/cpneumoniae/php/laboratories

- CDC. (2024f). Laboratory Testing for CMV and Congenital CMV. https://www.cdc.gov/cytomegalovirus/php/laboratories/index.html
- CDC. (2024g, March 25). *Laboratory Testing for Legionella*. https://www.cdc.gov/legionella/php/laboratories
- CDC. (2024h). Laboratory Testing for Methicillin (oxacillin)-resistant Staphylococcus aureus (MRSA). https://www.cdc.gov/mrsa/php/laboratories/index.html
- CDC. (2024i, June 5). *Laboratory Testing for Mycoplasma pneumoniae*. https://www.cdc.gov/mycoplasma/php/laboratories
- CDC. (2024j, November 14). *Laboratory Testing for Non-Polio Enterovirus*. https://www.cdc.gov/non-polio-enterovirus/php/laboratories/index.html
- CDC. (2024k, July 22). *Mpox Case Definitions*.
 - https://www.cdc.gov/poxvirus/monkeypox/clinicians/case-definition.html
- CDC. (2024l). Mpox Clinical Testing.
 - https://www.cdc.gov/poxvirus/mpox/clinicians/clinical-testing.html
- ECDC. (2022a). Interim advice on Risk Communication and Community Engagement during the monkeypox outbreak in Europe, 2022.
 - https://www.ecdc.europa.eu/sites/default/files/documents/Joint-ECDC-WHO-interim-advice-on-RCCE-for-Monkeypox-2-June-2022.pdf
- ECDC. (2022b). *Risk assessment: Monkeypox multi-country outbreak*. https://www.ecdc.europa.eu/en/publications-data/risk-assessment-monkeypox-multi-country-outbreak
- FDA. (2022, April 19). *Nucleic Acid Based Tests*. https://www.fda.gov/medical-devices/vitro-diagnostics/nucleic-acid-based-tests
- HHV-6 Foundation. (2024). Overview on Testing for HHV-6 infection. https://hhv-6foundation.org/patients/hhv-6-testing-for-patients
- Khan, A. (2014). Rapid Advances in Nucleic Acid Technologies for Detection and Diagnostics of Pathogens. *J Microbiol Exp*, 1(2). https://doi.org/10.15406/jmen.2014.01.00009
- Miller, J. M., Binnicker, M. J., Campbell, S., Carroll, K. C., Chapin, K. C., Gilligan, P. H., Gonzalez, M. D., Jerris, R. C., Kehl, S. C., Patel, R., Pritt, B. S., Richter, S. S., Robinson-Dunn, B., Schwartzman, J. D., Snyder, J. W., Telford, I. I. I. S., Theel, E. S., Thomson, J. R. B., Weinstein, M. P., & Yao, J. D. (2018). A Guide to Utilization of the Microbiology Laboratory for Diagnosis of Infectious Diseases: 2018 Update by the Infectious Diseases Society of America and the American Society for Microbiology. *Clinical Infectious Diseases*, ciy381-ciy381. https://doi.org/10.1093/cid/ciy381
- Mothershed, E. A., & Whitney, A. M. (2006). Nucleic acid-based methods for the detection of bacterial pathogens: present and future considerations for the clinical laboratory. *Clin Chim Acta*, *363*(1-2), 206-220.
 - https://doi.org/10.1016/j.cccn.2005.05.050
- UKHSA. (2024, February 15). *Monkeypox: diagnostic testing*. https://www.gov.uk/guidance/monkeypox-diagnostic-testing
- WHO. (2022). Monkeypox. https://www.who.int/health-topics/monkeypox

Policy Update History:

Approval Date	Effective Date; Summary of Changes
02/05/2025	05/15/2025; Document updated with literature review. The
	following changes were made to Reimbursement Information:
	Removed Mycoplasma genitalium from Table 1 as
	management for testing is now included in CPCPLAB051
	Diagnostic Testing of Common Sexually Transmitted
	Infections. Changed direct probe for Herpes virus 6 (87531)
	from may be reimbursable to is not reimbursable as
	quantitative testing for herpes virus 6 can differentiate
	between active and latent infection whereas qualitative does
	not, and direct and amplified probe coverage should match for
	herpes virus 6. Removed code 87563. References revised.
09/13/2024	01/01/2025: New policy.