

# Anti-nuclear Antibody IFA

The presence of anti-nuclear antibodies (ANA) is indicative of systemic autoimmune diseases and can be used in conjunction with other clinical findings to aid in diagnosis of systemic lupus erythematosus, rheumatoid arthritis, Sjogren's syndrome, scleroderma, hepatitis, and other mixed connective tissue diseases<sup>1-3</sup>. ANA are detected by indirect immunofluorescence on slides coated with Hep-2 cells. Positive results include the pattern of fluorescence and titer between 1:80 and 1:2560. All samples positive for ANA are reflexively tested for extractable nuclear antibodies (ENA) and anti-double stranded DNA antibodies. For more information, call the lab at 513-636-9820.

## Sample:

The only acceptable sample for this assay is serum collected in a gold top (SST) tube.

**Requested volume:** 1mL

## Shipping Conditions:

- Ambient if sent within 24 hours
- On cold packs if sent >24 hours after collection

## Testing Schedule:

ANA testing is performed Tues and Thurs on first shift. For testing outside of this schedule, call the lab at 513-636-9820. **TAT:** 1-7 days

## EPIC Test Code:

8001200

## CPT Code:

86039

## Clinical Lab Index:

<https://www.testmenu.com/cincinnatichildrens/tests/662822>

## Contact Information:

Cincinnati Children's Division of Pathology  
Molecular and Genomic Pathology Services (MGPS)

Phone: 513-636-9820

Fax: 513-517-7099

Email: [pathology@cchmc.org](mailto:pathology@cchmc.org)

Website: [cincinnatichildrens.org/pathology](http://cincinnatichildrens.org/pathology)

For pricing or billing questions, call 513-636-4261.

## Shipping Address:

Cincinnati Children's Hospital Medical Center  
Attn: Molecular and Genomic Pathology Services (MGPS)  
240 Albert Sabin Way, R2.001  
Cincinnati, OH 45229

## References:

1. Tan E. Autoantibodies to nuclear antigens (ANA): their immunobiology and medicine. *Adv Immunol.* 33:167-240. 1982.
2. Adams B, Mutasim D. The diagnostic value of anti-nuclear antibody testing. *Int J Dermatol.* 39:887-891. 2000.
3. Autoimmune Disease State Overview, <http://www.inovadx.com/store/categories/disease-state/80>, Inova Diagnostics, Inc. 10180 Scripps Ranch Blvd., San Diego, CA, 92131.