

TEST QUESTIONS

Circles must be filled in, or test will not be graded. Shade circles like this: ☒ Not like this: ☐

- What laboratory test is a key diagnostic criterion for the diagnosis of systemic autoimmune rheumatic diseases (SARD)?
☐ a. immunoassay for autoantibodies
☐ b. microarray testing
☐ c. antinuclear autoantibodies (ANA)
☐ d. all of the above
- All of the following are considered diseases under the SARD category except
☐ a. osteoarthritis disease.
☐ b. systemic lupus erythematosus.
☐ c. mixed connective tissue disease.
☐ d. Sjogren's syndrome.
- Which method is performed in the ANA test?
☐ a. direct immunofluorescence
☐ b. indirect immunofluorescence
☐ c. SPE
☐ d. ELISA
- Which substrate is used as the "gold standard" in the ANA screening test?
☐ a. HeLa cells
☐ b. Le cells
☐ c. HEp-1 cells
☐ d. HEp-2 cells
- The most popular ANA pattern encountered in screening is
☐ a. dense fine speckled.
☐ b. speckled.
☐ c. centromere.
☐ d. nucleolar.
- The autoantibodies to the DFS protein that confer cell protection by regulating transcription of stress-related genes is
☐ a. DFS75/LEDGFp70.
☐ b. DFS70/LEDGFp70.
☐ c. DFS71/LEDGFp75.
☐ d. DFS70/LEDGFp75.
- What committee has classified the challenging DFS pattern as AC-2?
☐ a. The International Consensus on ANA Patterns
☐ b. The National Consensus on ANA Patterns
☐ c. The International AC-2 Committee
☐ d. The World Health Organization
- A positive DFS IFA result is confirmatory and does not need to have follow-up testing.
☐ a. True
☐ b. False
- The presence of DFS ANA and/or anti-DFS70 antibodies have been detected in patients with the following conditions, except
☐ a. healthy individuals.
☐ b. individuals with psoriasis.
☐ c. individuals with heart disease.
☐ d. individuals with ocular diseases.
- Anti-DFS70 in patients with SARD is typically accompanied by additional SARD-related antibodies.
☐ a. True
☐ b. False
- According to a study in a Spanish cohort, the use of anti-DFS70 testing has saved the healthcare system approximately _____ dollars.
☐ a. 10 thousand
☐ b. 50 thousand
☐ c. 70 thousand
☐ d. 70 billion
- Which healthcare system is one of the first facilities in the U.S. to acquire the use of the ICAP system?
☐ a. Mayo Clinic
☐ b. Northwestern Medical Hospital
☐ c. Cleveland Clinic
☐ d. Lexington Medical Center
- The lab at LMC often termed a high number of ANA patterns as _____ of uncertain significance, which is now classified as DFS with the ICAP designation.
☐ a. homogeneous
☐ b. nucleolar
☐ c. mixed speckled/homogeneous
☐ d. mixed speckled/nucleolar
- What utility is used with patients who have a non-isolated DFS70 ANA and positive antigen specificities on an ENA panel to diagnose a SARD disease?
☐ a. clinical findings that support the ENA antigen specificity
☐ b. molecular testing
☐ c. immunoblot/immunoassay confirmation
☐ d. none of the above
- What tools were utilized at the LMC lab to help manage significantly high volume of ANA testing?
☐ a. computer-assisted microscopy and hiring extra lab scientists
☐ b. semi-automated slide preparation and the use of a reference lab
☐ c. computer-assisted microscopy and semi-automated slide preparation
☐ d. the use of a reference lab
- What percentage of ANA's with a DFS pattern show DFS70 ANA specificity?
☐ a. 10 percent
☐ b. 20 percent
☐ c. 30 percent
☐ d. 40 percent
- A six-test ENA pattern is sufficient enough to detect all possible ANA-related autoantibody specificities.
☐ a. True
☐ b. False
- What is useful to healthcare providers to effectively interpret results of ANA testing?
☐ a. computer-formatted templates that fit individual patient results
☐ b. physician consults with immunologists
☐ c. specialty certification in autoimmune diseases
☐ d. the use of the internet

Tests can be taken online or by mail. Easy registration and payment options are available through NIU by following the links found at www.mlo-online.com/ce.

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P 1 2 3 4 5 E

2. To what extent was the article well-organized and readable?

P 1 2 3 4 5 E

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