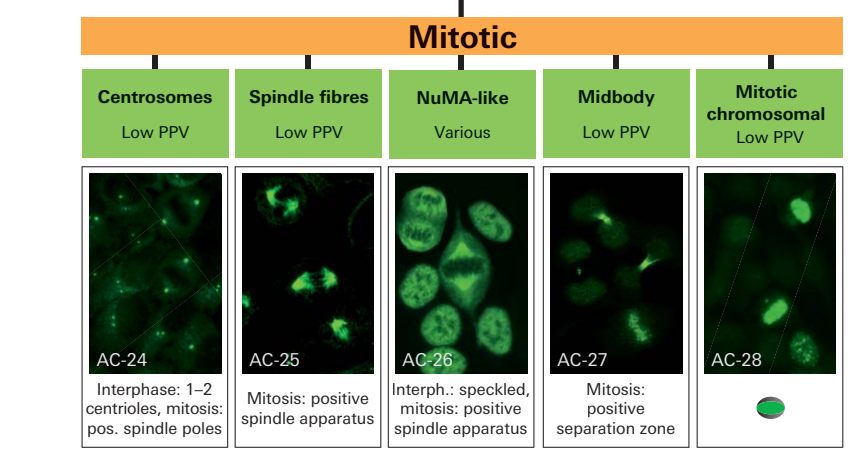
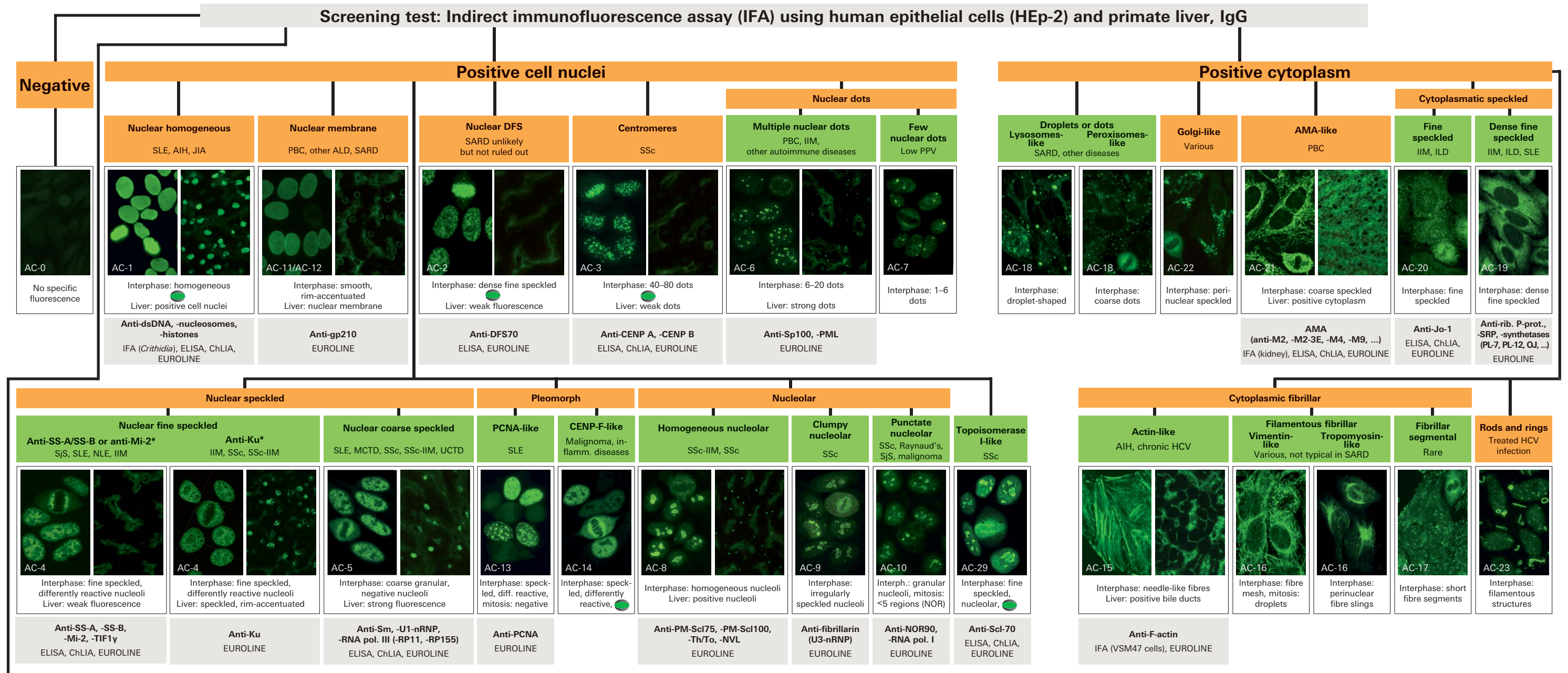




Strategy for the determination of autoantibodies against cell nuclei (ANA) and cytoplasm components



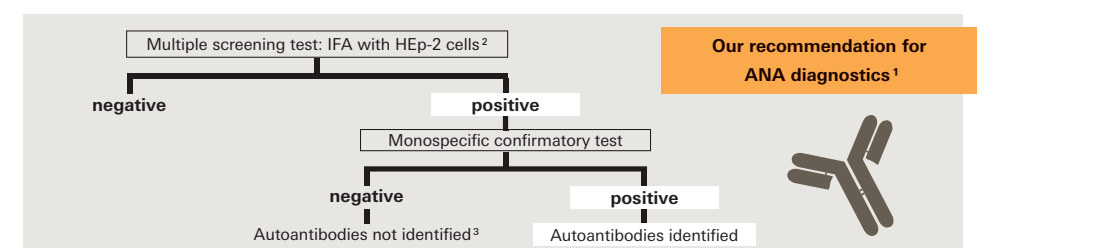
 = Routine level according to ICAP
 = Expert level according to ICAP
 ● = stained chromosomes in the metaphase

The evaluation of IFA patterns on HEp-2 cells can be facilitated by combining them with liver tissue sections in BIOCHIP mosaics (e.g. IIFT Mosaic: HEp-2/Liver (Monkey), order no. FA 1510-###-1).

* The antibodies listed here are examples that produce the typical patterns shown. The list is not exhaustive.

The antibodies listed here are a selection of those for which monospecific assays are available. Negative results may occur due to antibodies that have not been tested or are unknown.

AC = anti-cell pattern
 ICAP: International consensus on ANA patterns, www.ANAPatterns.org (Chan et al. Report of the first international consensus on standardized nomenclature of antinuclear antibody HEp-2 cell patterns 2014-2015, ICAP. Front Immunol. 2015 Aug 20;6:412.)
 AIH: autoimmune hepatitis ALD: autoimmune liver disease HCV: hepatitis C virus HEp-2: human epithelial cells IFA: immunofluorescence assay IIM: idiopathic inflammatory myopathies ILD: interstitial liver disease JIA: juvenile idiopathic arthritis MCTD: mixed connective tissue disease, Sharp syndrome NLE: neonatal lupus erythematosus PBC: primary biliary cholangitis (cirrhosis) PPV: positive predictive value for a disease SARD: systemic autoimmune rheumatic disease SjS: Sjögren's syndrome SLE: systemic lupus erythematosus SSc: systemic sclerosis UCTD: undifferentiated connective tissue disease



¹ Based on ICAP, Agmon-Levin N, et al. International recommendations for the assessment of autoantibodies to cellular antigens referred to as anti-nuclear antibodies. Ann Rheum Dis. 73(1):17-23 (2014), and international guidelines
² If there is a strong clinical suspicion of e.g. IIM or SSc, the monospecific determination of certain antibodies should be performed (simultaneously) independently of the IFA result.
³ Negative results may occur due to antibodies that have not been tested or are unknown.

Regulatory status and precise intended use of the products must be verified for the user's individual jurisdiction. Please contact your country representative for product availability and information.

