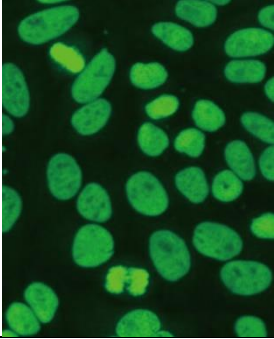
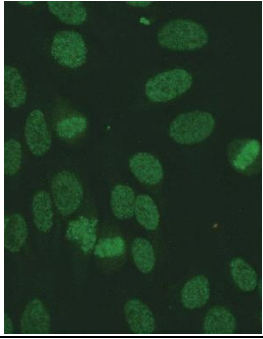
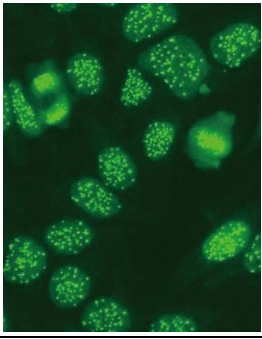
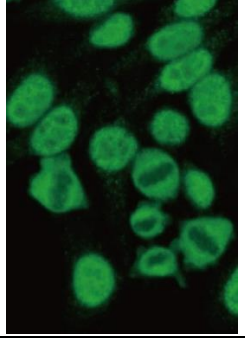
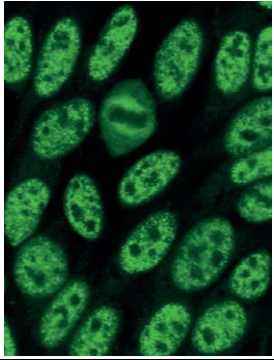
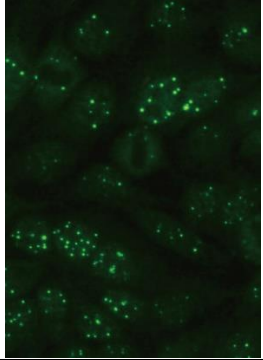
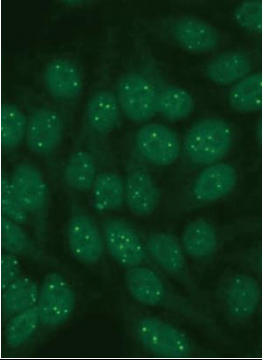
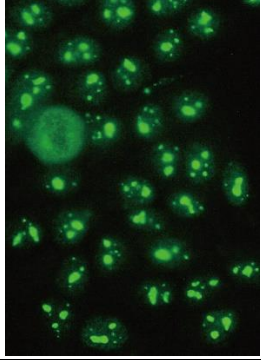
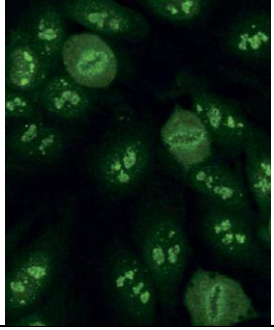
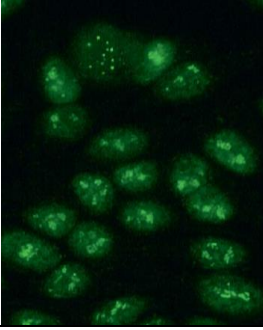
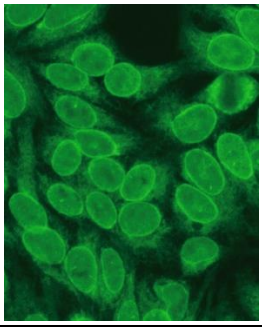
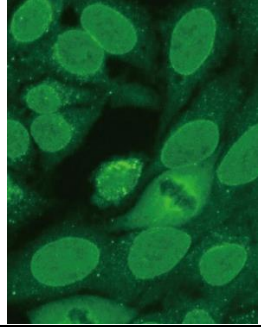
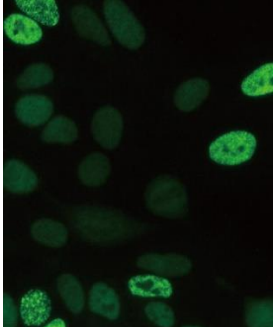
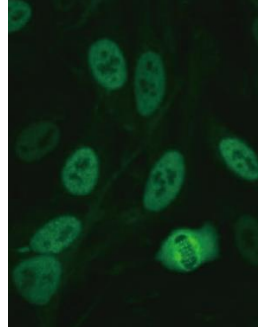
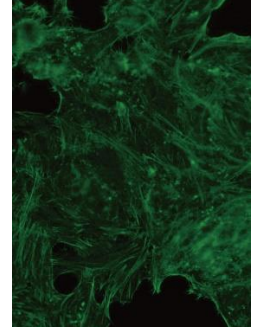
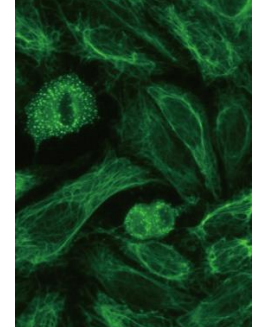


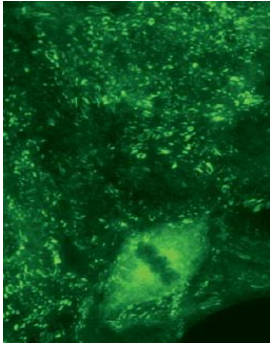
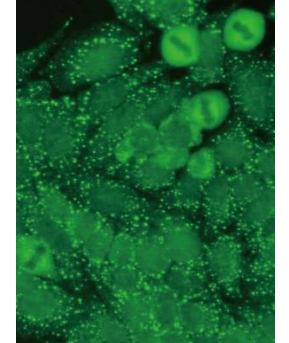
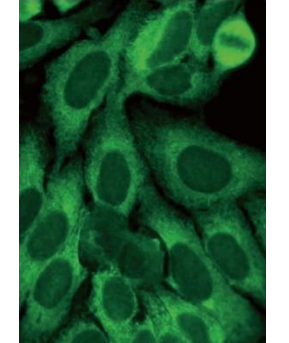
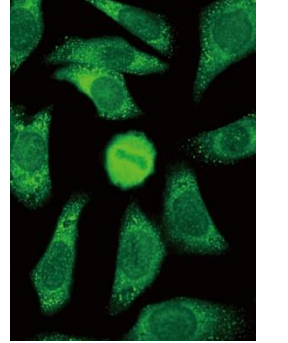
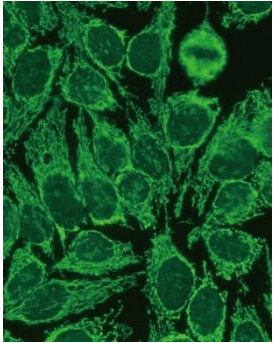
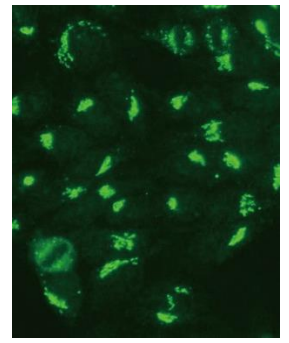
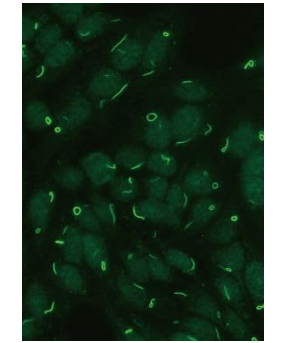
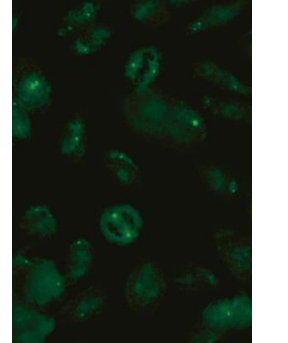
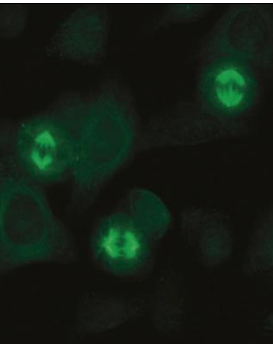
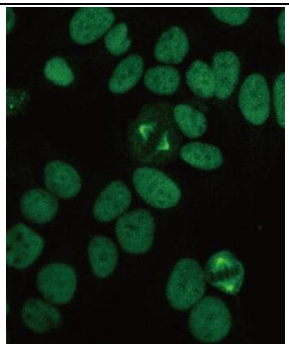
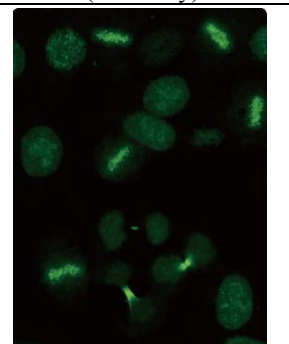
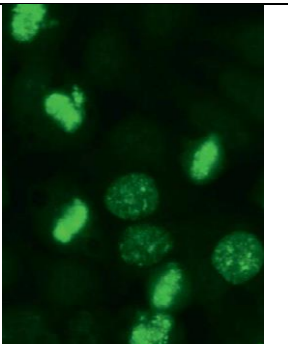
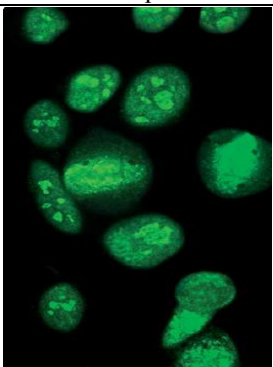

AC 代碼	目前實驗室核發型態	ICAP 核型	Reflex test	對應抗原	臨床意義
AC-1	Homogeneous	Homogeneous	Anti-dsDNA anti-Nucleosome anti-Histone anti-Scl-70	dsDNA, nucleosomes, histones	全身性紅斑狼瘡 (SLE)、藥物性狼瘡 (drug-induced lupus)、少年型特發性關節炎 (juvenile idiopathic arthritis)
AC-2	Dense Fine Speckled	Dense Fine Speckled	Anti-DFS-70	DFS70/LEDGF	常出現在異位性皮膚炎 (atopic dermatitis)、氣喘 (asthma)、間質性膀胱炎 (interstitial cystitis) 或正常人的血清中 少見於自體免疫疾病，例如修格連氏症、全身性硬化症和全身性紅斑狼瘡
AC-3	Centromere	Centromere	Anti-CENP-A, Anti-CENP-B (M25-140)	CENP-A/B (C)	侷限硬皮型全身性硬化症 (Limited cutaneous SSc)、原發性膽道硬化症 (PBC)
AC-4	Speckled	Fine Speckled	Myositis Profile (M25-156) Anti-SSA Anti-SSB Anti-Scl-70	SS-A/Ro, SS-B/La, Mi-2, TIF1 γ , TIF1 β , Ku	修格連氏症 (SjS)、全身性紅斑狼瘡 (SLE)、皮肌炎 (dermatomyositis)、系統性硬皮症/多發性肌炎重疊性綜合症 (SSc/PM overlap syndrome)
AC-5		Coarse speckled	SSc profile (M25-244) Anti-Sm Anti-nRNP Anti-Scl-70	hnRNP, U1RNP, Sm, RNA polymerase III	混合型結締組織疾病 (MCTD)、全身性紅斑狼瘡 (SLE)、全身性硬化症 (SSc)
AC-6	Nuclear dots	Multiple Nuclear dots	ALD profile (M25-158) Myositis Profile (M25-156)	Sp-100, PML proteins, MJ/NXP-2	原發性膽道硬化症 (PBC)、全身性自體免疫風濕病 (SARD)、皮肌炎 (dermatomyositis)
AC-7		Few Nuclear dots		p80-coilin, SMN	修格連氏症 (SjS)、全身性紅斑狼瘡 (SLE)、全身性硬化症 (SSc)、多發性肌炎 (PM)、無症狀個人
AC-8	Nucleolar	Homogeneous Nucleolar	Myositis panel (M25-156) SSc profile (M25-244) Anti-Scl-70	PM/Scl-75, PM/Scl-100, Th/To, B23/nucleophosmin, nucleolin, No55/SC65	全身性硬化症 (SSc)、全身性硬化症 / 多發性肌炎重疊症狀 (SSc/PM overlap syndrome)
AC-9		Clumpy Nucleolar	SSc profile (M25-244)	U3-snoRNP/fibrillarin	全身性硬化症 (SSc)
AC-10		Punctate Nucleolar	SSc profile (M25-244) Anti-Sm & RNP	RNA polymerase I, hUBF/NOR-90	全身性硬化症 (SSc)、修格連氏症 (SjS)
AC-11	Nuclear membrane	Smooth Nuclear Envelope		lamins A, B,C, or lamin-associated proteins	全身性紅斑狼瘡 (SLE)、修格連氏症 (SjS)、血清陰性關節炎 (seronegative arthritis)
AC12		Punctate Nuclear Envelope	Anti-gp210 ALD Profile (M25-158)	nuclear pore complex proteins	原發性膽道硬化症 (PBC)
AC-13	PCNA	PCNA-like		PCNA	全身性紅斑狼瘡 (SLE)
AC-14		CENP-F-like		CENP-F	與癌症有關
AC-15	Cytoplasmic	Cytoplasmic Fibrillar	ASMA (L72-255)	alpha-actinin, vinculin	混合型結締組織疾病 (MCTD)、慢性活動性肝炎 (chronic active hepatitis)、肝硬化 (liver cirrhosis)、重症肌無力、克隆氏症 (Crohn's disease)、原發性膽道硬化症 (PBC)、長期血液透析，少見於全身性自體免疫風濕病 (SARD)
AC-16		Cytoplasmic Fibrillar Filamentous	ASMA (L72-255)	vimentin, cytokeratins,	感染或發炎性病、長期血液透析、酒精性肝病、全身性自體免疫風濕病 (SARD)、乾癬 (psoriasis)、健康族群
AC-17		Cytoplasmic	ASMA (L72-255)	alpha-actinin, vinculin	重症肌無力 (myasthenia gravis)、克隆

		Fibrillar Segmental			氏症 (Crohn's disease)、潰瘍性結腸炎 (ulcerative colitis)
AC-18		Cytoplasmic discrete dots		GW182, Su/Ago2	原發性膽道硬化症 (PBC)、全身性自體免疫風濕病 (SARD)、神經性 (neurological) 和自體免疫病症
AC-19		Cytoplasmic dense fine speckled	Myositis Profile (M25-156) Anti-ribosomal P	PL-7, PL-12, ribosomal P proteins, SRP	抗合成酶症候群 (anti-synthetase syndrome)、多發性肌炎/皮肌炎 (PM/DM)、免疫介導壞死性肌炎 (IMNM)、紅斑性狼瘡 (SLE)、幼年型紅斑性狼瘡症 (juvenile SLE)、神經精神病系統性紅斑性狼瘡 (neuropsychiatric SLE)
AC-20		Cytoplasmic fine speckled	Myositis Profile (M25-156) Anti-Jo-1	Jo-1/histidyl-tRNA synthetase	抗合成酶症候群 (anti-synthetase syndrome)、多發性肌炎/皮肌炎 (PM/DM)、侷限全身性硬化症 (limited SSc)、原發性肋膜積液 (idiopathic pleural effusion)
AC-21		Cytoplasmic reticular/AMA	Mitochondrial Ab (L72-253) ALD profile (M25-158)	PDC-E2/M2, BCOADC-E2, OGDC-E2, E1 α subunit of PDC, E3BP/protein X	常見於原發性膽道硬化症 (PBC)、全身性硬化症 (SSc)、少見於全身性自體免疫風濕病 (SARD)
AC-22	Golgi	Polar/Golgi-like		giantin/macrogolgin, golgin-95/GM130, golgin-160, golgin-97, golgin-245	本抗體疾病特异性不大。少見於修格連氏症 (SjS)、全身性紅斑狼瘡 (SLE)、類風濕性關節炎、混合型結締組織疾病、肉芽腫性血管炎、原發性小腦性運動失調症、副腫瘤性小腦變性、病毒感染。
AC-23		Rods and rings		IMPDH2	經過干擾素或 ribavirin 治療之 C 型肝炎病患
AC-24	Centriole	Centrosome		pericentrin, ninein, Cep250, Cep110	少見於全身性硬化症 (SSc)、雷諾氏現象、病毒和黴漿菌感染
AC-25	Spindle	Spindle fibers		HsEg5	少見於修格連氏症 (SjS)、全身性紅斑狼瘡、其他結締組織疾病
AC-26	Speckled Spindle (mix pattern)	NuMA-like		NuMA	修格連氏症 (SjS)、全身性紅斑狼瘡 (SLE)
AC-27		Intercellular bridge		無	少見於全身性硬化症 (SSc)、雷諾氏現象、惡性腫瘤
AC-28		Mitotic chromosomal envelope		modified histone H3, MCA-1	少見於圓盤狀紅斑狼瘡、慢性淋巴性白血病、修格連氏症 (SjS)、風濕性多肌痛症
AC-29	Speckled Homogeneous Nucleolar (mix pattern)	Topo-1 like	SSc Profile (M25-244) Anti-Scl-70	DNA topoisomerase I	全身性硬化症 (SSc)

ANA 在健康人的盛行率如下：

ANA titer \geq 1:40	20-30%
ANA titer \geq 1:80	10-12%
ANA titer \geq 1:160	5%
ANA titer \geq 1:320	3%

AC-1 Homogeneous	AC-2 Dense Fine Speckled	AC-3 Centromere	AC-4 Fine Speckled
			
AC-5 Large/Coarse Speckled	AC-6 Multiple nuclear dots	AC-7 Few nuclear dots	AC-8 Homogeneous Nucleolar
			
AC-9 Clumpy Nucleolar	AC-10 Punctate Nucleolar	AC-11 Smooth nuclear membrane	AC-12 Punctate nuclear membrane
			
AC-13 PCNA-like	AC-14 CENP-like	AC-15 Cytoplasmic Fibrillar Linear	AC-16 Cytoplasmic Fibrillar Filamentous
			

AC-17 Cytoplasmic Fibrillar Segmental	AC-18 Cytoplasmic Discrete Dots	AC-19 Cytoplasmic Dense Fine Speckled	AC-20 Cytoplasmic Fine Speckled
			
AC-21 AMA (Mitochondrial)	AC-22 Golgi-like	AC-23 Rods and Rings	AC-24 Centromere
			
AC-25 Spindle Fibers	AC-26 NuMA-like	AC-27 Intercellular bridge (Midbody)	AC-28 Mitotic Chromosomal
			
AC-29 Topo I-like	AC-0 Negative		
			

Hep-2 cell patterns

