



Connecting innovative diagnostics
with UK laboratories.

DIAGNOSTIC SOLUTIONS PORTFOLIO

IMMUNOLOGY | AUTOMATION | LABORATORY SOLUTIONS

dnxscientific.com



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Who we are and how we support UK laboratories.

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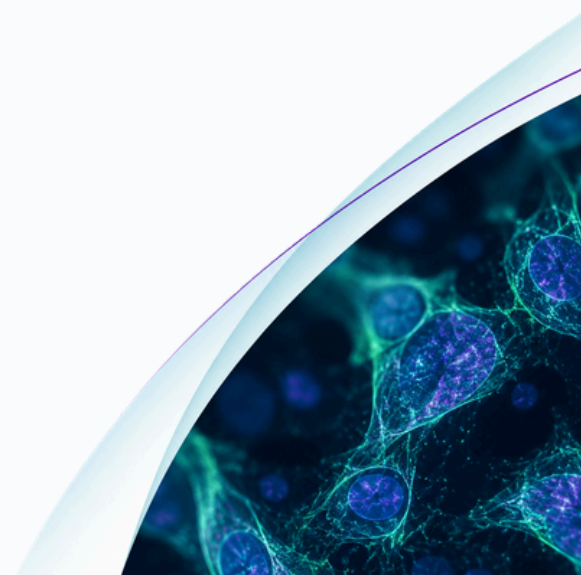
IMMUNO CONCEPTS

Autoimmune diagnostics, IFA solutions and laboratory automation.

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CONTACT DNX SCIENTIFIC

UK enquiries, product information and demonstrations.



About DNX Scientific

A specialist partner for UK laboratories.

DNX Scientific connects UK laboratories with innovative diagnostic technologies and specialist laboratory solutions.

With first-hand laboratory and commercial experience, we understand that choosing the right solution goes beyond product specifications. Workflow, performance, integration and ongoing support all play an important role.

We work with carefully selected diagnostic manufacturers to provide high-quality products, practical guidance and responsive UK support, helping laboratories find solutions that meet their individual needs.

EXPERTISE | Laboratory and commercial experience.

PARTNERSHIP | Collaborative, transparent relationships.

IMPACT | Supporting better diagnostics and patient care.

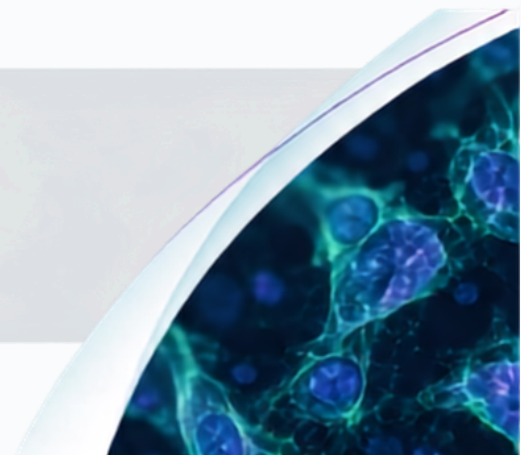


DNX was created to bring together genuine laboratory experience, strong manufacturer relationships and a practical understanding of what laboratories really need - supporting better diagnostics and better patient care.

Nicole Rankin

Managing Director
DNX Scientific

**Built around the needs
of the laboratory.**





Solutions across the autoimmune testing workflow.

Founded in 1979, Immuno Concepts is a US-based manufacturer specialising in autoimmune diagnostics, with more than four decades of experience supporting laboratories worldwide.

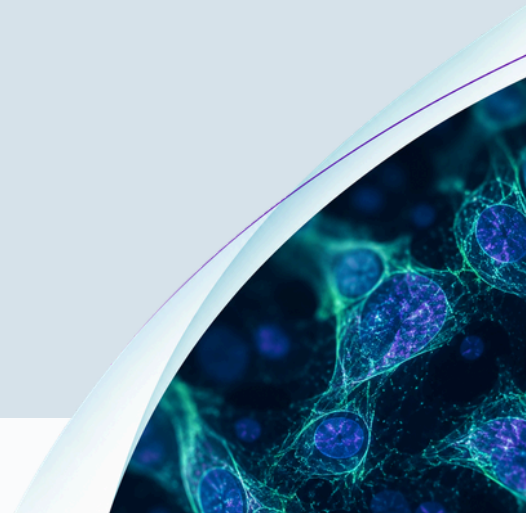
The portfolio includes high-quality IFA test systems, RELISA® immunoassays and specialist autoimmune diagnostics, alongside automated solutions for IFA processing and digital imaging.

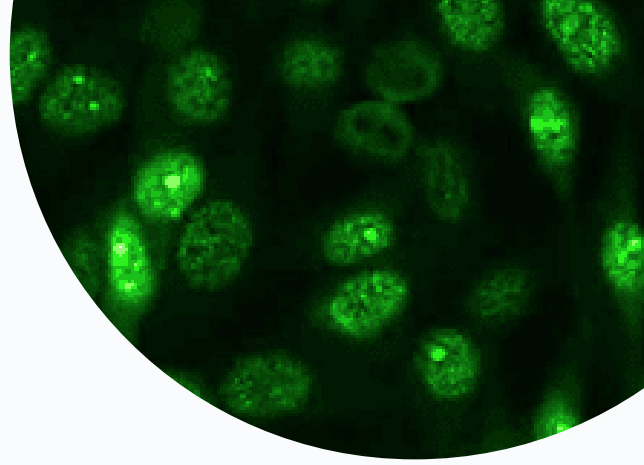
With a focus on scientific quality, regulatory compliance and laboratory workflow, Immuno Concepts develops solutions designed to support consistent, efficient and reliable autoimmune testing.

Through DNX Scientific, UK laboratories have access to the Immuno Concepts portfolio together with local product information, demonstrations and support.

EXPLORE THE PORTFOLIO

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HEp-2000® ANA

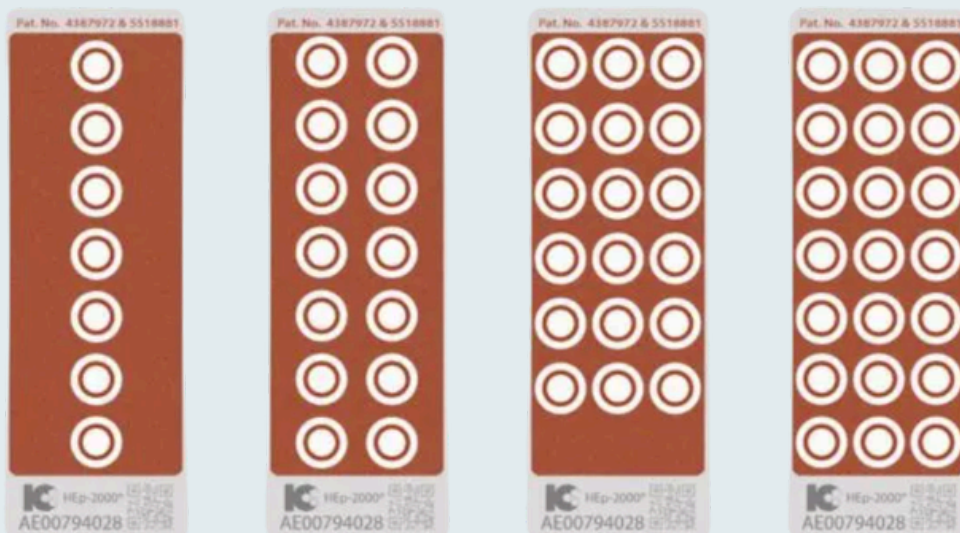
Enhanced SS-A/Ro detection within a familiar ANA workflow.

HEp-2000® uses a patented, genetically engineered HEp-2 cell line with increased expression of SS-A/Ro antigen, designed to improve the detection of SS-A/Ro autoantibodies while retaining the characteristic ANA patterns associated with conventional HEp-2 cells.

This is particularly relevant in conditions such as Sjögren's syndrome, where detection of SS-A/Ro antibodies is clinically important.

SLIDE CONFIGURATIONS

Available in 7-well, 14-well, 18-well and 21-well configurations.



HEp-2 ANA

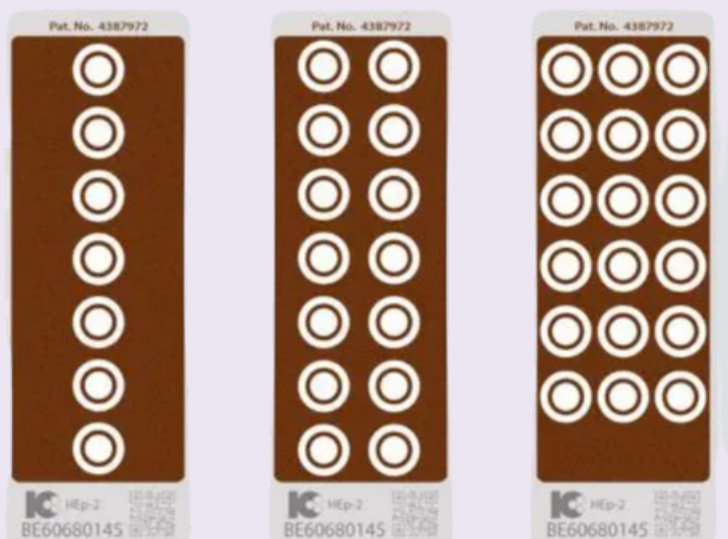
The gold standard substrate for ANA screening and pattern recognition.

HEp-2 cells are widely regarded as the gold-standard substrate for the qualitative and semi-quantitative detection of antinuclear antibodies (ANA), supporting the investigation of systemic autoimmune rheumatic diseases.

The presence of cells at different stages of the cell cycle, including mitotic cells, supports the identification and differentiation of characteristic ANA staining patterns, including patterns such as centromere and mitotic apparatus.

SLIDE CONFIGURATIONS

Available in 7-well, 14-well and 18-well configurations.



nDNA

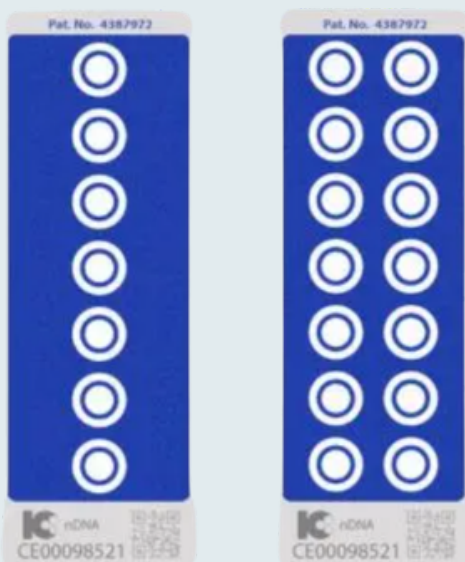
Specific detection of antibodies to native DNA using *Crithidia luciliae*.

The Immuno Concepts Fluorescent nDNA Test System uses *Crithidia luciliae* substrate slides for the qualitative and semi-quantitative detection of antibodies to native DNA (nDNA).

The kinetoplast of *Crithidia luciliae* provides a highly specific substrate for the visualisation of anti-nDNA antibodies by indirect immunofluorescence, supporting laboratory investigation of systemic lupus erythematosus (SLE).

SLIDE CONFIGURATIONS

Available in 7-well and 14-well configurations.



ANCA Ethanol

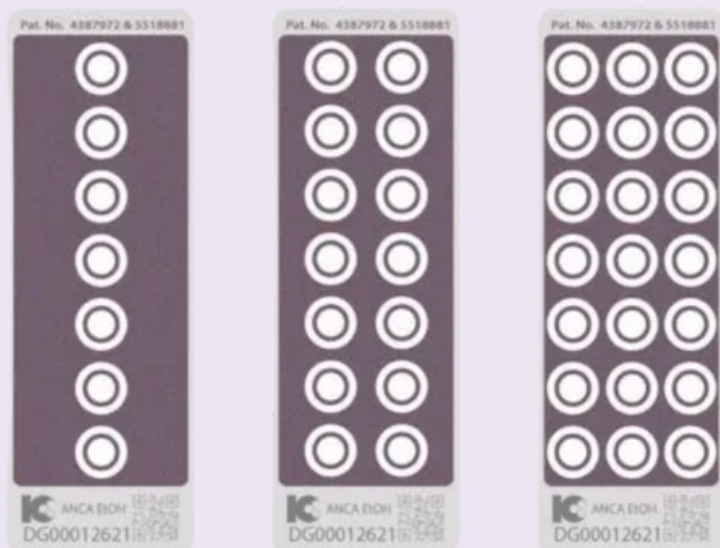
Established IFA substrate for ANCA screening and pattern differentiation.

The Immuno Concepts ANCA Ethanol Fluorescent Test System uses ethanol-fixed human neutrophils for the qualitative and semi-quantitative detection of antineutrophil cytoplasmic antibodies (ANCA).

Ethanol fixation enables differentiation of the characteristic C-ANCA and P-ANCA staining patterns, supporting the laboratory investigation of ANCA-associated vasculitis, including granulomatosis with polyangiitis (GPA) and microscopic polyangiitis (MPA).

SLIDE CONFIGURATIONS

Available in 7-well, 14-well and 18-well configurations.



ANCA Formalin

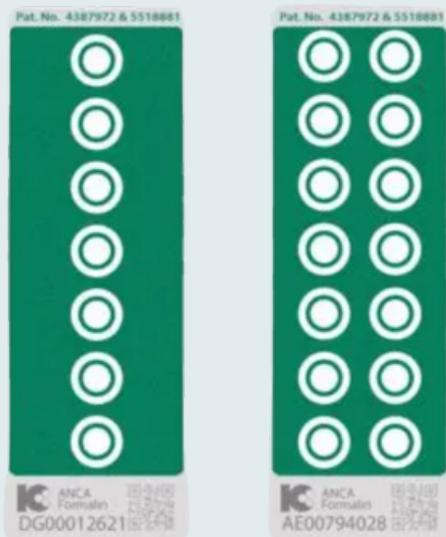
Complementary fixation for improved ANCA pattern differentiation.

The Immuno Concepts ANCA Formalin Fluorescent Test System uses formalin-fixed human neutrophils as a complementary substrate to ethanol-fixed ANCA testing, supporting the qualitative and semi-quantitative detection of ANCA.

Formalin fixation helps differentiate true P-ANCA staining from ANA-related P-ANCA-like patterns, supporting clearer interpretation and confirmation of ANCA patterns identified on ethanol-fixed neutrophils.

SLIDE CONFIGURATIONS

Available in 7-well and 14-well configurations.



HISTOFLUOR® Rodent LKS

Multi-tissue IFA substrate for organ-specific autoantibody detection.

HISTOFLUOR® Rodent LKS uses sections of liver, kidney and stomach tissue to support the detection and identification of a range of organ-specific autoantibodies by indirect immunofluorescence.

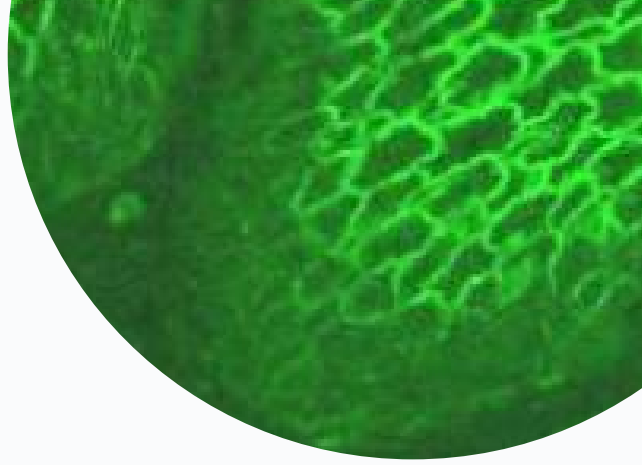
The combination of tissues enables characteristic staining patterns to be assessed across a single substrate, supporting the investigation of antibodies including anti-mitochondrial, smooth muscle and gastric parietal cell antibodies.

AVAILABLE FORMATS

Available with Mouse or Rat LKS tissue in an 8-well slide configuration



HISTOFLUOR® Endomysial



Specific IFA detection of endomysial antibodies for coeliac disease assessment.

HISTOFLUOR® Endomysial is an indirect immunofluorescence test system for the qualitative and semi-quantitative detection of endomysial antibodies (EmA) in human serum, supporting the laboratory investigation of coeliac disease.

The tissue substrate enables visualisation of the characteristic endomysial staining pattern surrounding smooth muscle fibres, providing a highly specific approach to EmA detection.

AVAILABLE FORMATS

Available in an 8-well slide configuration



Lab Automation

Connecting the IFA workflow from slide preparation to image review.

Immuno Concepts provides an integrated approach to IFA automation, supporting laboratories from automated slide processing through to digital image acquisition, classification and review.

By combining AFT automated slide processing with Image Navigator® digital IFA microscopy, laboratories can reduce manual handling, standardise key workflow steps and support more efficient result review.

AN INTEGRATED IFA AUTOMATION WORKFLOW



AFT FastTrack®



Image Navigator®

AFT FastTrack®

Walk-away automation for IFA slide processing.

The Autoimmune FastTrack (AFT) series automates the liquid-handling steps required for IFA slide processing, supporting a more standardised and efficient laboratory workflow.

With integrated barcode identification, LIS connectivity and configurable probe options, the AFT range can be matched to different laboratory workloads.

AFT FASTTRACK® RANGE

Instrument	Max Tubes	Max Slides	Number of Probes
AFT3100	96 samples	12 slides	1 probe
AFT3200	160 samples	12 slides	2 probes
AFT5200	288 samples	24 slides	2 probes



AFT3100



AFT3200



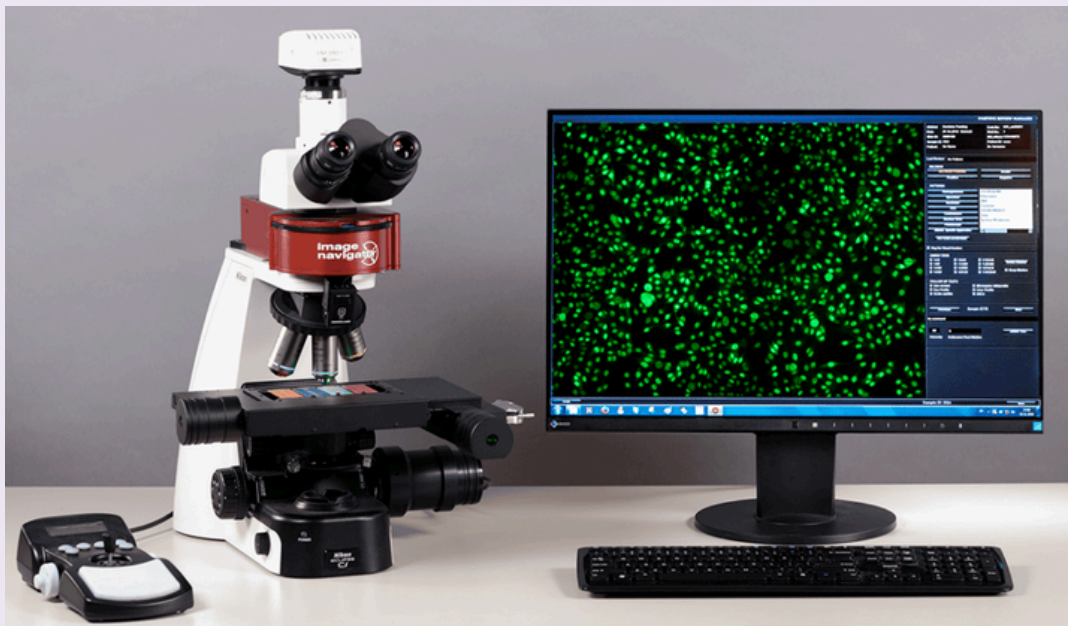
AFT5200

IMAGE NAVIGATOR®

Automated IFA microscopy, image acquisition and guided review.

Image Navigator® automates fluorescence image acquisition and supports the review and interpretation of Immuno Concepts IFA slides, helping laboratories standardise microscopy while retaining laboratory scientist oversight of the final result.

High-quality digital images are captured automatically and intelligently organised to support efficient review, with tools for pattern-assisted interpretation, titre assessment and result reporting.



AUTOMATED IMAGE ACQUISITION • INTELLIGENT SORTING • GUIDED REVIEW
BIDIRECTIONAL CONNECTIVITY • NO MIDDLEWARE REQUIRED

RELISA® Test Systems

Quantifiable ELISA-based autoantibody testing from screening to confirmation.

Immuno Concepts RELISA® Test Systems provide enzyme-linked immunosorbent assays for autoimmune screening and specific autoantibody detection.

Using antigen-coated microwells with matched reagents, calibrators and controls, RELISA® assays provide calibrated antibody unit values using a standard microplate reader, supporting consistent and quantifiable results.

RELISA® ASSAY PORTFOLIO

ANA Screen

Broad-spectrum ANA screening

ENA Multiparameter

Six specific ENA autoantibodies

ENA Single-Well Screen

Six-antigen ENA screening

dsDNA

Anti-dsDNA detection



Cardiolipin IgG & IgM

Antiphospholipid antibody testing

MPO / PR3

ANCA specificity confirmation



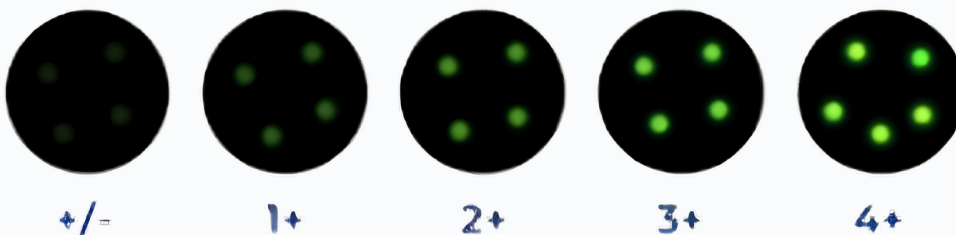
FITC QC SLIDE™

A simple, standardised check of fluorescence microscope performance.

The Immuno Concepts FITC QC Slide™ provides a simple, standardised way to routinely monitor fluorescence microscope performance and sensitivity.

Five graded levels of FITC-labelled fluorescent microbeads, ranging from +/- to 4+, provide standardised fluorescence intensities that can be viewed directly using the laboratory's fluorescence microscope.

FIVE GRADED FLUORESCENCE LEVELS



FLOW CYTOMETRY CALIBRATED - Standardised fluorescent microbeads calibrated using flow cytometry.

MICROSCOPE PERFORMANCE - Supports monitoring of microscope sensitivity, illumination uniformity and illuminator stability.

DIRECT VISUAL ASSESSMENT - Used directly on the fluorescence microscope at 200× magnification.

PSITS

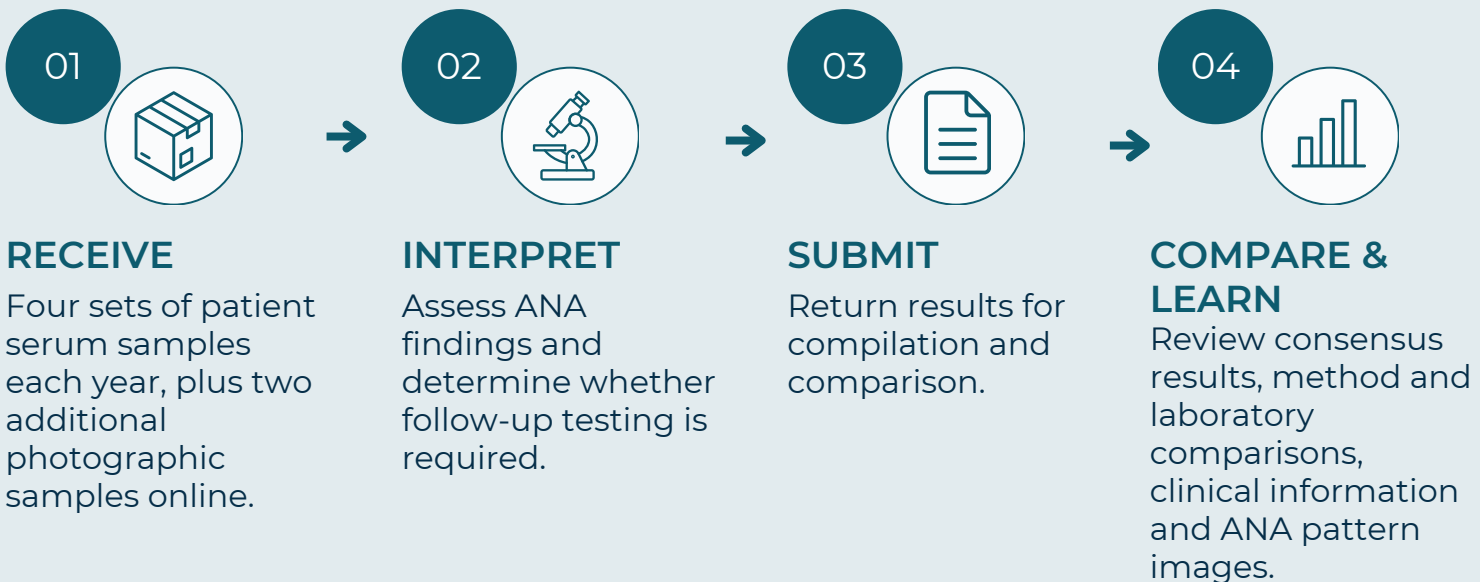
Patient Sample Interpretive Training Series

Practical, ongoing training in ANA pattern recognition and interpretation.

The Immuno Concepts Patient Sample Interpretive Training Series (PSITS) is an ongoing educational programme designed to support laboratory professionals in developing and maintaining their ANA interpretation skills.

Participating laboratories assess patient serum samples, interpret ANA findings and determine whether follow-up testing is appropriate. Results are submitted and compiled, allowing participants to compare their interpretations with consensus findings and results from other laboratories and methods.

HOW PSITS WORKS



Contact DNX Scientific

For product information, demonstrations or to discuss your laboratory requirements, get in touch with our team.

info@dnxscientific.com

020 3411 1290

www.dnxscientific.com



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**A specialist partner for UK laboratories
and healthcare providers.**

