



Chemiluminescent immunoassays for rheumatic disease diagnostics

- Early identification and support of the diagnosis of **rheumatoid arthritis**
- Screen for and support the differential diagnosis of **connective tissue diseases**
- Monitor response to anti-resorptive therapy in **osteoporosis**
- Evaluate **25-OH Vitamin D** status in established indications¹
- Detect disorders of **calcium metabolism**
- Monitor **mineral and bone disorders**

All within **one run**
All on a compact **ChLIA system**
All **high-quality, reliable and convenient**
All a perfect complement to the **EUROIMMUN product portfolio**

The IDS-iSYS is a unique solution in rheumatology testing. From only one sample tube, our fully automated system can run specialty assays in bone and vitamin D metabolism and rheumatic autoimmune diseases:

- A fully automated, compact walk-away system
- On-board quality management and traceability of samples for lab accreditation
- Continuous loading with random access and STAT facility
- Ready-to-use reagents and on-board refrigeration (up to 8 weeks storage)
- High-throughput solution with the first result after 25 minutes

Bone turnover

- Resorption and formation markers for osteoporosis management as recommended by the IOF, IFCC and NBHA

Analyte	Product code	No. of tests
Beta-isomerised C-terminal telopeptides of type I collagen (CTX-I)	IS-3000N	100
N-terminal propeptide of type I procollagen (PINP), intact	IS-4000	100

- Specific markers for monitoring bone disorders in renal patients

Analyte	Product code	No. of tests
Bone-specific alkaline phosphatase (BAP)	IS-2800	100
Tartrate-resistant acid phosphatase (TRAcP 5b)	IS-4100	100

- Other bone markers

Analyte	Product code	No. of tests
Osteocalcin (Oc)	IS-2900	100

Calcium metabolism

- 25-OH Vitamin D test standardised to the NIST Standard Reference Materials as per the international Vitamin D Standardisation Program (VDSP)

Analyte	Product code	No. of tests
25-OH vitamin D	IS-2500N	100
1,25-(OH) ₂ vitamin D	IS-2000	100
Parathyroid hormone (PTH), intact	IS-3200	100

Connective tissue diseases

- Screening and differential diagnostics including reflex testing

Analyte	Product code	No. of tests
Screening diagnostics		
ANA Screen ²	IS-AI1001	100
ENA Screen ³	IS-AI1002	100
Differential diagnostics		
dsDNA IgG	IS-AI1101	100
SS-A/Ro	IS-AI1102	50
SS-A/Ro 52 kDa	IS-AI1103	50
SS-A/Ro 60 kDa	IS-AI1104	50
SS-B/La	IS-AI1105	50
Sm	IS-AI1106	50
U1-snRNP	IS-AI1107	50
Scl-70	IS-AI1108	50
Jo-1	IS-AI1109	50
Centromere B	IS-AI1110	50

Rheumatoid arthritis

- Early detection of rheumatoid arthritis based on the highly sensitive CCP (2nd generation) and the rheumatoid factor
- Accordance with EULAR and ACR guidelines

Analyte	Product code	No. of tests
CCP	LA 1505-0100 G ⁴ IS-AI1201	100
Rheumatoid Factor ⁵	RFCOL B00/IDS	100
C-reactive protein (CRP) ⁶	CPTXL H00/IDS	190

¹ Demay MB et al. Vitamin D for the Prevention of Disease: An Endocrine Society Clinical Practice Guideline. J Clin Endocrinol Metab. 109(8): 1907-1947 (2024).

² Anti-dsDNA, -centromer B, -SS-A/Ro (60 kDa and 52 kDa), -SS-B/La, -Sm, -U1-snRNP (70 kDa, A and C), -Scl-70 and -Jo-1, IgG

³ Anti-SS-A/Ro (60 kDa and 52 kDa), -SS-B/La, -Sm, -U1-snRNP (70 kDa, A and C), -Scl-70 and -Jo-1, IgG

⁴ Product manufactured by EUROIMMUN

⁵ Immunocolourimetric test manufactured by Diagam

⁶ Immunospectrophotometric test manufactured by Diagam

All products manufactured by IDS, unless stated otherwise.

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