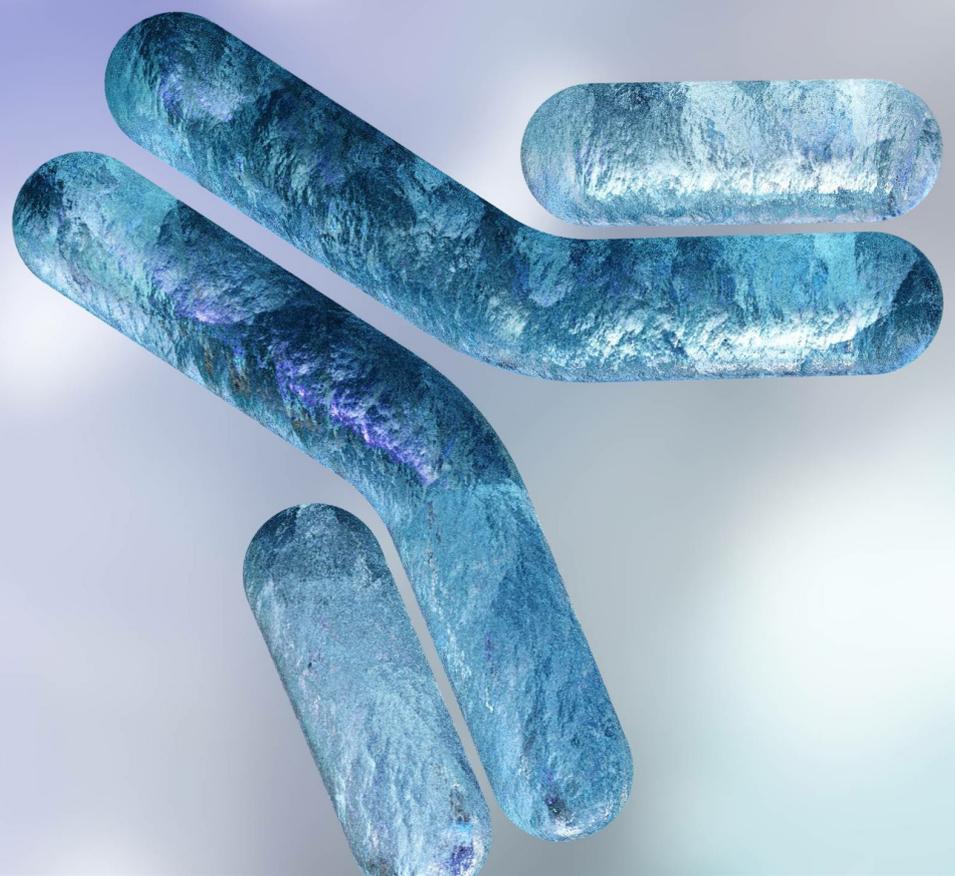


CHORUS  *PRO*monitor



EVOLUTION IN MONITORING BIOLOGICAL THERAPIES

DIESSE

IMPORTANCE OF THERAPEUTIC DRUG MONITORING

Therapeutic drug monitoring (TDM) is defined as the assessment of drug concentrations and anti-drug antibody level in the blood and it is an important tool for optimizing biologic therapy.



Benefits of TDM

Individualized treatment tailored for each patient

personalized approach, combined with clinical findings.

Timely information about reduced drug efficacy

early warning for treatment regime modification.

Effective resource management

diminution of unadequate treatment strategies with a more efficient use of the available resources.

Improved patient care.

CHORUS PROMONITOR: TDM EVOLUTION

Flexibility advantage of

CHORUS TRIO

- Monotest
- Multiparametric solution
- Fully automated
- Easy to use
- Reduction of waste

Best-in class performance of



- WHO standardized
- Clinical proven test for patient monitoring
- IVDR Certified
- Validated with reference and biosimilar drugs
- More that 100 peer review



Allow the clinician a better treatment management for the patient
Provide drug monitoring results a few hours after patient's visit
Facilitate monitoring of intravenous and subcutaneous treatments

ADVANTAGE OF PROMONITOR ON CHORUS SYSTEM

→ Empowering clinical decision

- With 1 device you can analyze the same sample at 2 dilutions simultaneously
- Chorus compares results with a stored calibration curve and gives final result in $\mu\text{g/ml}$ (for drug levels)
- Broad quantification range, covering all clinically relevant decision points and allowing the quantification of subcutaneous and intravenous treatments

→ Improved efficiency and easy of use



- **Ready-to-use mono-test device**
Each device contains all the reagents needed to perform one test. The calibrator and control are included with the kit, ready to use.
Option to run simultaneously different test in the same run
- **Minimal hands on time**
User only needs to load serum into the device or directly primary tube on the Autosampler and insert the device into the instrument
- **Traceability**
Each device is identified by a bar-coded label, which is read by the instrument through its internal barcode reader. Software cross links barcode read-out, sample ID, and programmed tests, avoiding mismatches.



Single test
ready to
use device



Random
access
system



Fully
automated
process



No waste of
reagents
No hidden costs

DIESSE

→ Convenience

Compatible test

All Chorus Promonitor kits can be run simultaneously (either drug assays or anti drug antibodies assays)

Integrated testing in a single platform for several specialties, with Autoimmunity and Infectious diseases tests

High Quality

Promonitor quality testing, based on Promonitor Reagents

Accurate and broad measurement range

Refer to WHO reference standard for drug levels

Validated with reference and biosimilar drugs



KITS AVAILABILITY

NAME	TEST	CODE
CHORUS PROMONITOR INFLIXIMAB	36	86700
CHORUS PROMONITOR ANTI-INFLIXIMAB	36	86701
CHORUS PROMONITOR ADALIMUMAB	36	86702
CHORUS PROMONITOR ANTI-ADALIMUMAB	36	86703
CHORUS PROMONITOR USTEKINUMAB	36	86712
CHORUS PROMONITOR ANTI-USTEKINUMAB	36	86713
CHORUS PROMONITOR VEDOLIZUMAB	36	86710
CHORUS PROMONITOR ANTI-VEDOLIZUMAB	36	86711
CHORUS PROMONITOR ETANERCEPT	12	86706
CHORUS PROMONITOR ANTI-ETANERCEPT		<i>under development</i>
CHORUS PROMONITOR GOLIMUMAB	12	86708
CHORUS PROMONITOR ANTI-GOLIMUMAB		<i>under development</i>
CHORUS PROMONITOR RITUXIMAB		<i>under development</i>
CHORUS PROMONITOR ANTI-RITUXIMAB		<i>under development</i>