

Launch Date: June, 2025

New A14 Request Forms With Diagnostic Highlights

Dear Colleagues,

we are pleased to inform you about the upcoming release of our updated biovis® A14 request forms, effective from **June, 2025**.

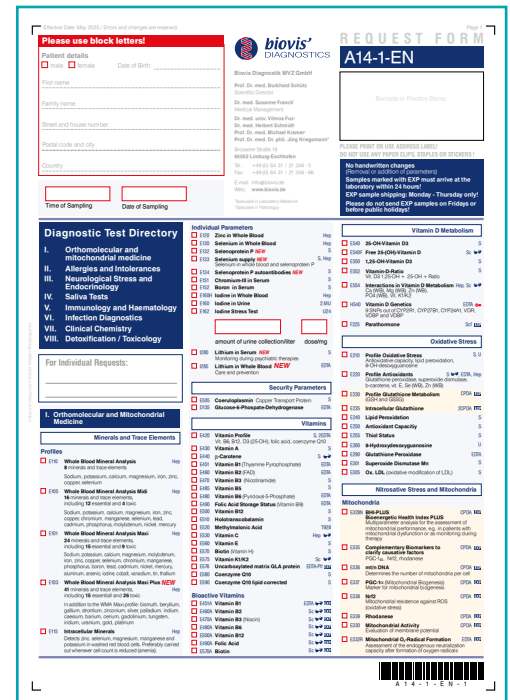
With this update, we are setting **new standards in diagnostics**. The newly revised **A14 request forms** include **innovative new analyses** and **modified profiles** designed to address common challenges such as missing sample materials (e.g., stool or urine samples), clarification requests, and related delays.

All new request forms are now available for download on our website at:

[Request Form | biovis Diagnostik MVZ GmbH](#).

You can also order printed versions as usual via our new order form:

[Order shipping material | biovis Diagnostik MVZ GmbH](#).



The image shows a screenshot of the biovis A14-EN Request Form. It includes sections for Patient Details (Name, Address, Date of Birth), Diagnostic Test Directory (listing various tests like Vitamin D, Iron, and Bile Acids), and a list of individual parameters for selection. The form is designed to be filled out by a healthcare provider to request specific diagnostic tests from biovis.

Diagnostic Highlights of the New A14 Request Forms

1. Prevent 360 – Revolutionary Capillary Blood Test

- Unique on the market:** Quantitative analysis of 75 parameters from just 120 µl of capillary blood – a groundbreaking innovation for settings where venous blood draws are impractical or rarely performed.
- Comprehensive diagnostics in a single test:** Includes amino acid profile, fatty acid profile, vitamin D, minerals (selenium, zinc, magnesium, iron), stress, atherosclerosis, and metabolic markers.
- Expanded functionality:** Also analyzes bile acids (for assessing liver, gallbladder, and intestinal function), bacterial metabolites, and uremic toxins.
- Excellent sample stability:** Once dried, the sample remains stable for up to one week – ideal for safe logistics, including postal shipping.



2. Whole Blood Mineral Analysis Maxi Plus – Expanded Element Diagnostics

- **Unmatched breadth:** Analysis includes 41 minerals and trace elements, covering 15 essential and 26 toxic elements.
- **In addition to the standard Maxi panel,** this test includes elements such as gallium, germanium, strontium, zirconium, silver, indium, antimony, cesium, barium, cerium, gadolinium, tungsten, iridium, gold, and uranium.
- **Practical clinical value:** Ideal for differentiated trace element diagnostics, especially in complex clinical scenarios.

3. Stool Metabolome Analysis – A Reflection of Bacterial Activity in the Gut

- **Innovation in stool diagnostics:** Analyzes 20 microbial metabolites that provide insight into functional gut health.
- **Included metabolites:** Detection of histamine, tryptophan, serotonin, GABA, amino acid precursors (4), toxins (4), AhR agonists (7), bile acids (6), as well as various scores and ratios.
- **Profiles and combinations:** Available as a standalone profile (A640) or integrated into the new “Microbolome 1.0” – a combination of Microbiome Maxi and metabolome analysis (A713OM).
- **Therapy support:** Metabolome analysis provides an additional functional layer to microbiome testing, enabling more targeted therapies and offering rapid, measurable effects.

4. Cytokine Release Assays – Rethinking Functional Cell Biology

- **Multi-pathogen detection (in blood):**
 - **Highly sensitive and comprehensive:** Detects 21 pathogens, including bacteria (*Borrelia*, *Chlamydia*, *Mycoplasma*, *Yersinia*, *Helicobacter pylori*, *Streptococci*, *Staphylococci*), viruses (EBV, CMV, HSV-1, HSV-2, VZV, SARS-CoV-2), fungi (*Candida*, *Aspergillus*), and parasites (*Toxoplasma gondii*, *Giardia lamblia*).
 - **Practical differentiation:** Distinguishes between acute and latent infections.
 - **Integrated immune status analysis:** Evaluates inflammatory readiness and immune activation independently of pathogen detection.
- **Mould exposure (in blood):**
 - **Highly sensitive and broad:** Detects immune responses to 12 moulds and 13 mycotoxins, including aflatoxins, gliotoxin, ochratoxin A, citrinin, deoxynivalenol, and zearalenone.
 - **Cutting-edge functional detection** that goes far beyond conventional antibody and mycotoxin testing.

5. UPDATE: TH1/TH2/TH17/Treg Assay – More precise and reliable detection of immune dysfunction

- **Functional analysis instead of a snapshot:** Unlike conventional tests that only measure cytokine levels in serum, this assay evaluates functional activity and cell response, providing deeper insight into the immune system. It reveals immune dysregulation that is often missed by standard tests.
- **Highly pure T cells:** Isolation of ultra-pure T cells using STEMCELL technology ensures much higher accuracy compared to conventional methods.
- **Please note:** This test now requires CPDA blood.

6. Genetic Request Form – New Tests and Profiles

■ Please also note our updated genetic diagnostics:

- **Histamine intolerance profile:** 6 gene variants in 3 genes (HNMT, DAO, MAO-B)
- **Vitamin D genetics:** 9 gene variants in 6 genes (CYP2R1, CYP27B1, CYP24A1, VDR, VDBP, NADSYN)
- **Genetics of mitochondrial oxidative stress load:** SNPs in SOD2, CAT, GPX1, and hMMH-OGG1 (OGG1)

The New A14 Request Forms – A Milestone for biovis

- New Diagnostic Horizons: Innovative tests such as Prevent 360, the Stool Metabolome Analysis, and Cytokine Release Assays represent a new level of diagnostic precision. They open up opportunities that were previously unavailable in this scope and accuracy.
- Targeted Updates for Optimized Diagnostics:

As part of the relaunch of our A14 request forms, we have carefully refined and optimized our diagnostic portfolio. This includes the replacement of certain older profiles with new, more comprehensive alternatives.

Please note that the following tests will no longer be available. They are replaced by enhanced or newly combined profiles that offer greater clinical relevance and diagnostic value:

- **A651 Tryptophan** (→ included in A672*)
- **A652 Serotonin** (→ included in A672*)
- **A653 GABA** (→ included in A672*)
- **A670 Irritable Bowel Basic Profile** (→ use A672* or A410 for histamine in stool)
- **A671 Irritable Bowel Complete Profile** (→ use A672* and A640*)
- **A695 Metabolism of Bile Acids** (→ included in A640*)
- **G720 LSA** (→ no direct replacement)
- **I451 Total GST Activity** (→ replaced by I452 GST-T1, also part of I511 Detoxification Profile)
- **L110 Sander Test** (→ no direct replacement)
- **N1100** (→ replaced by N1010)

*: **Please note:** This profile requires the **OmicSNAP Meta** tube.

We warmly invite you to start using the new request forms and tests in your practice and experience the unique diagnostic possibilities they offer.

If you have any questions, we are always happy to assist you.

Warm regards,

Burkhard Schütz