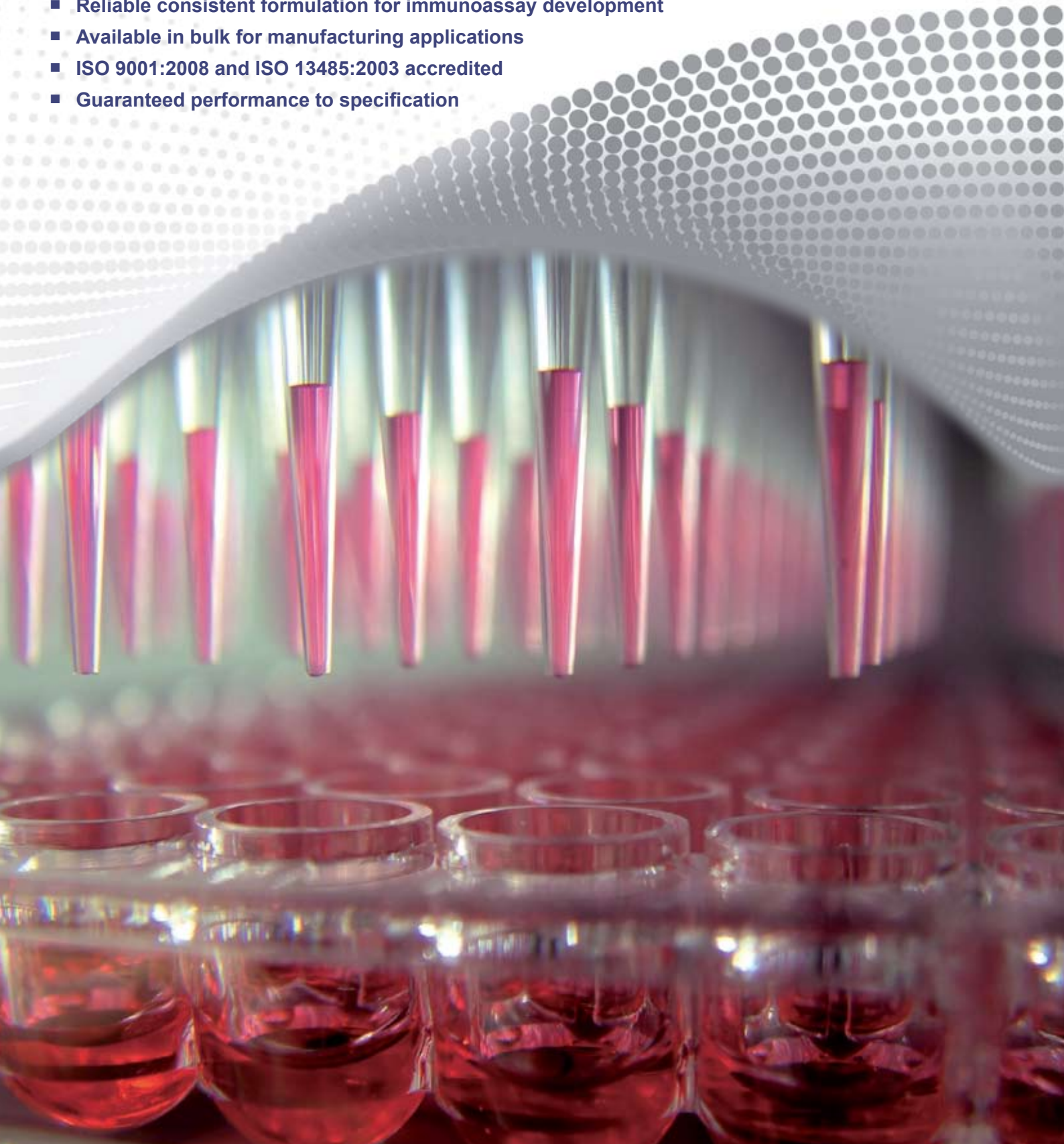
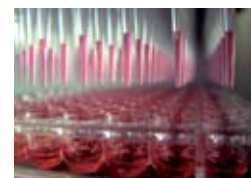


High-Quality ELISA Reagents

- Reliable consistent formulation for immunoassay development
- Available in bulk for manufacturing applications
- ISO 9001:2008 and ISO 13485:2003 accredited
- Guaranteed performance to specification



High-Quality ELISA Reagents



Coating

When the capture antibody or antigen is bound to a suitable surface, coating buffers should be used to stabilize coated proteins and improve assay performance.

ELISA Coating Buffer (BUF030)

A specialist coating buffer to stabilize the coating protein and maximize adsorption. Gives greater binding reactivity with the detection substrate and enhanced signal.

Blocking

Choosing the right blocking buffer increases sensitivity, reduces non-specific binding and background noise, and lengthens product shelf life.

Block Ace (BUF029)

Block Ace is a high-performance blocking buffer that can also be used for washes and for antibody dilution. Decreases background and sharpens standard curves.

BSA Block (BUF032)

Minimize non-specific binding in sandwich and antigen-down ELISAs using BSA Block. Contains a proprietary protein stabilizer that creates a consistent long term environment for coating antigens or capture antibodies.

Ultrablock (BUF033)

A buffer with extra blocking strength containing proprietary fish proteins designed to reduce non-specific binding. Ultrablock coats non-specific binding sites that are sterically inaccessible to traditional blockers.

Synblock (BUF034)

For maximum blocking strength use Synblock, a novel protein-free blocking formulation for sandwich ELISAs. This synthetic, inert blocking agent provides maximum reduction of non-specific background noise, while stabilizing the coating protein.

Assay Diluents

Reduce matrix effects by using assay diluents to equalize differences between the sample matrix (serum, plasma, or urine) and the standard curve.

IgM Reducing Assay Diluent (BUF038)

Formulated for use with problematic serum and plasma samples with proprietary additives that reduce IgM-mediated conjugate bridging interference. Also contains a proprietary calcium chelating agent to inhibit interference from complement and thrombin.

HISPEC Assay Diluent (BUF049)

BUF049 works to reduce cross-reactivity, non-specific binding, and matrix effects in immunoassays. HISPEC buffer can efficiently deal with interference caused by HAMA or Rheumatoid Factor.



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Conjugate Stabilizers

Stabilizing diluents are used to reconstitute lyophilized conjugates and to dilute concentrated conjugates, prolonging their shelf life.

HRP-Stabilplus™ (BUF052)

This product gives superior stabilization of dilute Horseradish Peroxidase (HRP)-conjugated proteins allowing manufacturers of diagnostic assays to provide dilute, ready-to-use enzyme conjugates. This diluent does not contain any bovine materials.

AP-Stabilplus™ (BUF053)

Provides superior stabilization of AP-conjugated proteins with similar specifications to our HRP stabilizing product above.

AbGuard™ Stabilizer (BUF051)

Provides greatly enhanced long-term stability for HRP-conjugated antibodies and Streptavidin-peroxidase conjugates. Works at very low end-user concentrations and decreases the variability caused by changing shipping and storage conditions.

Washing

Rinsing with wash buffers during the coating process and between reagent addition steps effectively removes excess material from the wells.

Wash Buffer (BUF031)

This high-performance washing solution increases the efficiency of washing stages leading to a reduction in background noise and increased signal.

Substrates

Chemical substrates are converted by enzymes to a detectable signal such as a color change or fluorescence emission.

TMB One (BUF056/BUF057)

TMB One is a robust HRP substrate for ELISA, offering 4 years of stability at 4°C.

TMB Plus (BUF042)

A liquid TMB (3,3', 5, 5'- tetramethyl-benzidine) substrate that yields a 40% higher signal than TMB One. For assays where increased sensitivity is desired.

TMB Plus 2 (BUF062)

This high performance substrate has similar sensitivity to TMB Plus but offers an increased shelf life.

TMB X-tra (BUF054/BUF055)

TMB X-tra is the latest TMB substrate, offering superior stability and optimum sensitivity.

These products are also available with a red indicator dye to provide a convenient tracking system that minimizes pipetting errors without assay interference.

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