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Manufactured in Germany for Hygiena

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ATP Positive Control kit

Catalog Number: KIT4014 (1291483)

Intended Use

The ATP Positive Control kit is used to verify activity levels of enzymes used in Hygiena's ATP bioluminescence tests.

Summary of the Test

The ATP Positive Control test uses a standard concentration of 76-84 nM of ATP to measure the activity level of the enzyme Luciferase used in Hygiena's ATP bioluminescence reagents.

The luminometer controls the addition of reagents, the timing of the reaction, and the recording of any generated light signal, which it reports in relative light units (RLUs).

Kit Configuration	
ATP Positive Control	1 vial
ATP Buffer	1 x 10-15 ml vial
Micro-centrifuge Tubes	25

General Safety Precautions

- Use universal lab safety precautions when performing this assay and when handling samples and materials.
- Intended for *in vitro* use only.
- Dispose of all assay material according to your standard laboratory operating procedure and appropriate prescribed local regulations.

Storage Instructions

- The ATP Positive Control kit must be stored at 2-8°C when not in use.
- Do not use kits beyond the stated expiration date.
- Stability of the ATP Positive Control kit is up to 4 weeks when aliquot into the reagent tubes provided and stored frozen (-18°C or below). Mix after thawing.
- Discard after use. Do not refreeze.

Handling Precautions

- Gloves should be worn when running the test to prevent contamination.
- Do not mix reagents from different kit lots.
- Observe standard aseptic procedures when handling or transferring samples and reagents.

Additional Materials Required

- Advance or Innovate luminometer
- Customer specific ATP bioluminescence kit
- Daily Wash & Rinse kit (Advance only)
- Pipette and tips
- Refrigerator and Freezer for storage
- Advance Cuvettes (Advance only)
- Advance Priming Cuvettes (Advance only)
- Microtiter plates (Innovate only)

Preparation

- 1) Remove the kit from storage at 2-8°C.
- 2) Carefully open the vial of **ATP Positive Control** (blue cap / amber glass vial) and the vial of **ATP Buffer** (blue cap / transparent plastic vial). Pour the contents of the buffer into the ATP Positive Control and replace the cap.
- 3) Mix by gently swirling, do not shake the vial.
- 4) ATP positive control is now ready for use once at room temperature.

- 5) Aliquot 500 µl of reconstituted ATP positive control into each of 25 **Micro-centrifuge Tubes**.
- 6) Place tubes filled with ATP positive control in the freezer. Remove and thaw one tube each day for use.

Protocol

Refer to the Operator Manuals and Quick Reference Guide for full instructions on the use of ATP positive control.

Interpretation of Results

Compare the RLU values and determine the pass/fail status of each sample. Please refer to the Quick Reference Guide or your Hygiena Technical Support Representative for more information on how the RLU readings should be interpreted.

Technical Support

Contact your local Technical Support Representative for further information.

Precautions and Disclaimers

The reagents in this kit do not pose any risk to health when used in accordance with standard laboratory practice. The reagents are non-toxic and may be flushed down the drain after use. SDS are available upon request. Customers are also invited to visit the Hygiena website for anytime access to product and software manuals, troubleshooting tips and SDS.