

**EPICENTRE BIOTECHNOLOGIES**  
**726 Post Road, MADISON WI 53713**  
**Emergency Tel: 608-258-3080 or 800-284-8474 7:30-4:30 Central**

This information is provided for purchasers of RiboScribe™ RNA Probe Synthesis Kits represented by the following Epicentre catalog numbers: RS71203, RS71206, RS71207

The RiboScribe™ T7, T3, and SP6 RNA Probe Synthesis Kits contain several reagent tubes.

RiboScribe™ SP6, T7 or T3 RNA Polymerase  
5X Transcription Buffer  
100 mM DTT  
10 mM ATP  
10 mM CTP  
10 mM GTP  
10 mM UTP  
5M ammonium acetate  
Control Template DNA  
RNase-Free DNase I  
RNase-Free Water  
RiboGuard™ RNase Inhibitor

The tubes labeled T7 [or T3 or SP6] Enzyme Polymerase, and RiboGuard™ RNase Inhibitor contain proteins isolated from non-hazardous bacteria. RNase Free DNase I is isolated from bovine pancreas and is not believed to contain Transmissible Spongiform Encephalitis diseases (TSEs). These proteins present no known threat to humans or laboratory animals. Each of these protein solutions is supplied in a 50/50 glycerol:H<sub>2</sub>O solution containing salts and a detergent. A material safety data sheet for glycerol is provided. These materials are for research use only.

An MSDS is provided for 5M ammonium acetate, 100mM DTT, and the 10mM NTPs.

The 5X Transcription Buffer consists on 200mM Tris•HCl, pH 7.5, 20mM MgCl<sub>2</sub>, 50 mM NaCl, and 10mM spermidine. An MSDS is provided for Tris.

the template control DNA is present at < 0.1% concentration and is not known to be hazardous.

Epicentre recommends all normal precautions be taken whenever all hazards are not known. We recommend wearing gloves and avoiding direct contact with skin and eyes when handling biochemical and chemical solutions.

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