

EPICENTRE BIOTECHNOLOGIES
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This information is provided for purchasers of mScript™ mRNA Production System MSC11610 and MSC11625.

The mScript™ mRNA Production System contains the following chemical components:

mScript™ T7 Enzyme Solution
mScript™ 10X Transcription Buffer
25 mM NTP Solution
RNase Free DNase 1
100 mM DTT
T7 Control Template
RNase Free Water
mScript™ Capping Enzyme
mScript™ 10X Capping Buffer
ScriptGuard™ RNase Inhibitor
20mM SAM
20mM GTP
mScript™ 2'O-Methyltransferase
mScript™ Poly(A) Polymerase
mScript™ Tailing Buffer
20mM ATP Solution

Safety data sheet is provided for 25 mM NTP, 20 mM GTP and 20 mM ATP.

T7 Control Template is supplied at a concentration <0.1% and is not known to be hazardous.

20 mM SAM is present at <1% concentration and is not known to be hazardous.

mScript™ 10X Capping Buffer and mScript™ Tailing buffer contain Tris•HCl and MgCl₂. Safety data sheets are provided for Tris and MgCl₂.

A safety data sheet is provided for 100mM DTT.

mScript™ T7 Enzyme Solution, mScript™ Capping Enzyme, mScript™ 2'O-Methyltransferase, mScript™ Poly(A) Polymerase and ScriptGuard™ RNase Inhibitor are proteins isolated from nonhazardous *E. coli* and supplied in 50% glycerol. RNase Free DNase 1 is derived from bovine pancreas and is supplied in 50% glycerol. The exact hazards for these proteins are not known. A material safety data sheet for glycerol is available. These materials are for research use only.

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 reagents and solutions.

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