

## Product Information

### EC Tri PC™ Plates (21-199)



#### Intended Use:

For the phenotypic confirmation of *E. coli* WP2 strains used in the Bacterial Reverse Mutation Assay (i.e., Ames Assay).

This plate tests for:

- tryptophan auxotrophy (*trp*<sup>-</sup>)
- presence of plasmid pKM101 (Amp<sup>R</sup>).

#### Warnings and Precautions:

For Laboratory Use Only.

Observe aseptic techniques and established precautions against microbiological hazards throughout all procedures.

After use, dispose of all materials according to your institutional biohazard program.

#### Storage:

Upon receipt, store plates at 2 – 8°C.

#### Procedure:

Using a sterile 10μL inoculating loop or a swab, streak *E. coli* broth culture onto each sector of the plate. If streaking with a swab, remove excess broth against the side of the growth vessel prior to streaking.

Incubate overnight at 37°C.

#### Expected Results:

		Strain Response			
Sector		Strain Name	Moltox Part Number	Strain Name	Moltox Part Number
Designation	Description	<i>E. coli</i> WP2	72-187L	<i>E. coli</i> WP2 (pKM101)	72-002L
		<i>E. coli</i> WP2 ( <i>uvrA</i> )	72-188L	<i>E. coli</i> WP2 ( <i>uvrA</i> , pKM101)	72-003L
1 (I, A)	MGA	-		-	
2 (II, B)	MGA + Tryptophan	+		+	
3 (III, C)	MGA + Tryptophan/ Ampicillin	-		+	