

MLE-12 | 305314

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|--------------------|--------|--------|---------|
| Description | MLE-12 | C SP-C | 40 SV40 |
| | MLE-12 | ATP | II |
| | MLE-12 | | SP-C |

Organism

| |
|---------------|
| Tissue |
|---------------|

Disease

| | | |
|-----------------|--------------|-----|
| Synonyms | MLE 12 MLE12 | -12 |
|-----------------|--------------|-----|

| | |
|-------------------------|---------------------------|
| Breed/Subspecies | FVB/N-Tg(SFTPC-TAg)5.1Jaw |
|-------------------------|---------------------------|

Age 5

| |
|---------------|
| Gender |
|---------------|

Morphology

| |
|------------------|
| Cell type |
|------------------|

Growth properties

| | |
|-----------------|----------------------|
| Citation | MLE-12 Cytion 305314 |
|-----------------|----------------------|

Biosafety level 1

| | |
|-------------------|------|
| NCBI_TaxID | 9606 |
|-------------------|------|

CellosaurusAccession CVCL_3751

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|-------------------|--------|--------|--------|
| GMO Status | GMO-S1 | MLE-12 | SV40 T |
|-------------------|--------|--------|--------|

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|---------------------------|---------------|
| Protein expression | B C SP-B SP-C |
|---------------------------|---------------|

Tumorigenic

| | |
|----------------|---------|
| Viruses | 40 SV40 |
|----------------|---------|

| | | | | | | | |
|-----------------------|------|---------|---------|----------------------------|--------|--------|---------|
| Culture Medium | DMEM | 4.5 g/L | 4 mM L- | 3.7 g/L NaHCO ₃ | 1.0 mM | Cytion | 820300a |
|-----------------------|------|---------|---------|----------------------------|--------|--------|---------|

Supplements

10% FBS

| | |
|-----------------------------|----------|
| Dissociation Reagent | Accutase |
|-----------------------------|----------|

Subculturing

PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75

| | |
|----------------------|---|
| Fluid renewal | 2 |
|----------------------|---|

Freeze medium

FBS + 10% DMSO CM-1 Cytion 800100

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| Thawing and Culturing Cells | | | | |
|-----------------------------|---------|--------|------|-------|
| 1. | | | | |
| 2. | | -150°C | | 3 |
| 3. | | | 37°C | 40-60 |
| 4. | | | | 70% |
| 5. | | | 8 | 15 |
| 6. | 300 x g | | 3 | |
| 7. | | 10 | | T25 |
| 8. | | | | T25 |

Incubation Atmosphere

37°C 5% CO₂

| Shipping Conditions | |
|---------------------|--------|
| | -78 °C |

Storage Conditions

-150 -196 °C

-80 °C

| Sterility | |
|-----------|-----|
| | PCR |