

Product sheet

RAW 264.7 | 400319

RAW 264.7

**Description**

RAW 264.7 is a murine macrophage cell line derived from the RAW 264 strain of mice. It is a clonal cell line that is highly proliferative and capable of phagocytosis. RAW 264.7 cells are commonly used in immunology and cell biology research. RAW 264.7 cells are highly proliferative and capable of phagocytosis. RAW 264.7 cells are commonly used in immunology and cell biology research. RAW 264.7 cells are highly proliferative and capable of phagocytosis. RAW 264.7 cells are commonly used in immunology and cell biology research.

**Organism** Murine

**Tissue** Macrophage

**Disease** None

**Synonyms** RAW264, RAW2647, RAW264.7, RAW-264.7, Raw 264.7, Raw264.7

Characteristics

**Breed/Subspecies** BALB/c

**Age** 4-6 weeks

**Gender** Male

**Cell type** Macrophage

**Growth properties** Adherent

References

**Citation** RAW 264.7 (ATCC CCL-103) | Cytion 400319

**Biosafety level** 2

**NCBI\_TaxID** 10090

**CellosaurusAccession** CVCL\_0493



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**Thawing and Culturing Cells**

1. Thaw the cells rapidly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 5 minutes. Resuspend the cells in pre-warmed medium.
3. Seed the cells into a pre-warmed medium in a 24-well plate at a density of 1.5 x 10<sup>6</sup> cells per well.
4. Incubate the cells at 37°C in 5% CO<sub>2</sub> for 24 hours. Replace the medium with fresh pre-warmed medium.
5. Harvest the cells into a 15 mL tube and centrifuge at 300 x g for 5 minutes.
6. Resuspend the cells in 1 mL of pre-warmed medium.
7. Seed the cells into a 10 mL tube at a density of 1 x 10<sup>6</sup> cells per tube.
8. Incubate the cells at 37°C in 5% CO<sub>2</sub> for 24 hours.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified air

**Flask Coating** No coating

**Freezing Procedure** Harvest cells into a 15 mL tube and centrifuge at 300 x g for 5 minutes. Resuspend the cells in 1 mL of freezing medium. Freeze the cells in a 1.5 mL tube at -80°C.

**Shipping Conditions** Ship the cells at -80°C in a dry ice cooler.

**Storage Conditions** Store the cells at -150°C for up to 196 days.

RAW 264.7 / RAW 264.7 / HLA

**Sterility** The cells are free of mycoplasmas and PCR detectable endotoxins.

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**XXXXXXXX STR**

**Amelogenin:** x,y

**M\_18-3:** 18

**M\_4-2:** 22,3, 23,3

**M\_6-7:** 12

**M\_3-2:** 14

**M\_19-2:** 12,14

**M\_7-1:** 25 XXXXXXXX

**M\_1-1:** 15,16

**M\_8-1:** 13

**M\_2-1:** 16

**M\_15-3:** 22 XXXX

**M\_6-4:** 18

**M\_11-2:** 17

**M\_1-2:** 17

**M\_17-2:** 14,16

**M\_12-1:** 16,17

**M\_5-5:** 14

**M\_X-1:** 25

**M\_13-1:** 16 XXXXXXXX

**Human D4/D8:** -