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# Technical Information

## Products for Cell Biology

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### QBSF<sup>®</sup>-60 Stem Cell Medium with L-glutamine (Serum Free Medium for Human Hematopoietic Stem Cells)

**Catalog #:**

160-204-061	100 ml
160-204-101	500 ml

**pH:** 7.0±0.2

**Osmolality:** 287±3% mOsm/Kg H<sub>2</sub>O

**Store at:** 2 to 8°C

**Shipped at:** ambient temperature

**Composition:** Serum free components comprised of all pasteurized human proteins.

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#### DESCRIPTION

Quality Biological's (QBI) QBSF<sup>®</sup>-60 is a proprietary serum-free medium designed to support human hematopoietic stem/progenitor cells (e.g., CD34<sup>+</sup>). Our research demonstrates that the QBSF<sup>®</sup>-60 formulation is a serum-free medium for CD34<sup>+</sup> cells derived from normal bone marrow, peripheral cord blood, and blood stem cells immobilized with cytokines.

#### APPLICATIONS

- Maintenance of human hematopoietic stem cell culture
- Supports CD34<sup>+</sup> cell proliferation and differentiation

#### RELATED PRODUCTS

##### QBSF<sup>®</sup>-58

Serum-free medium for human and murine bone marrow cells

Catalog # 160-109-061 100 ml  
160-109-101 500 ml

##### QBSF<sup>®</sup>-59

Serum-free medium for human hematopoietic stem/progenitor cells (CD34<sup>+</sup>)

Catalog # 160-110-061 100 ml  
160-110-101 500 ml

#### QUALITY CONTROL

##### General

The quality of a product is a combination of careful selection of raw materials, proper manufacturing procedures and diligent monitoring of each step.

Quality Control is used to determine whether each step in the manufacturing process has been properly carried out and the finished product meets or exceeds the standards established for it.

##### Product Specific Testing

QBSF<sup>®</sup>-60 is routinely tested to verify it meets product specifications for the following parameters:

- pH
- Osmolality Microbial
- Tested Cytotoxicity
- Tested Endotoxin
- Tested Growth
- Performance

The test results of individual lots of QBSF<sup>®</sup>-60 are available upon request from Technical Services.

**All products sold by Quality Biological are intended for research use only. This product has not been approved for diagnostic or IVD use.**

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