## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## **Notice of Effectiveness**

Effectiveness Date: April 27, 2009

**Accession Number:** 0001144204-09-019393

Submission Type: POS AM

**CIK**: 0001279704

Company Name: NOVELOS THERAPEUTICS, INC.

**File Number:** 333-143263