

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

Notice of Effectiveness

Effectiveness Date: March 28, 2007
Accession Number: 0001144204-07-013898
Submission Type: POS AM

CIK: 0001279704
Company Name: NOVELOS THERAPEUTICS, INC.
File Number: 333-133043