



UNIVERSITY OF MARYLAND | NIST  
**INSTITUTE FOR BIOSCIENCE  
& BIOTECHNOLOGY RESEARCH**

**9600 Gudelsky Dr.  
Rockville, MD 20850  
Tel: (240) 314-6000  
Fax: (240) 314-6225**

Published on *Institute for Bioscience and Biotechnology Research*  
(<https://www.ibbr.umd.edu>)

Home > Optimizing the conditions of a multiple reaction monitoring assay for membrane proteins: quantification of cytochrome P450 11A1 and adrenodoxin reductase in bovine adrenal cortex and retina.

---

# Optimizing the conditions of a multiple reaction monitoring assay for membrane proteins: quantification of cytochrome P450 11A1 and adrenodoxin reductase in bovine adrenal cortex and retina.

Title	Optimizing the conditions of a multiple reaction monitoring assay fo
Publication Type	Journal Article
Year of Publication	2010
Authors	Liao, W-L, Heo, G-Y, Dodder, NG, Pikuleva, IA, Turko, IV
Journal	Anal Chem
Volume	82
Issue	13
Pagination	5760-7
Date Published	2010 Jul 1
ISSN	1520-6882
Keywords	Adrenal Cortex, Amino Acid Sequence, Animals, Cattle, Cholesterol
Abstract	Approximately 30% of naturally occurring proteins are predicted to
DOI	10.1021/ac100811x
Alternate Journal	Anal. Chem.
PubMed ID	20521825
PubMed Central ID	PMC2903436
Grant List	AG024336 / AG / NIA NIH HHS / United States EY018383 / EY / NEI NIH HHS / United States K02 AG024336-06 / AG / NIA NIH HHS / United States R01 EY018383-05 / EY / NEI NIH HHS / United States