EQUIPMENT

Romer® Derivatization Unit (RDU™)

The Romer Labs Derivatization Unit is a post column derivatization for the sensitive determination of aflatoxins by HPLC-FLD.

How the RDU™ works
Romer Labs Derivatization Unit is designed to enhance the fluorescence of aflatoxins in order to enable sensitive determination.

Derivatization by RDU™ happens photochemically by irradiation with UV light at 254 nm.
This method was shown to be equivalent to bromination in literature (Papadopoulou-Bouraqui A. *et al.*, 2002).

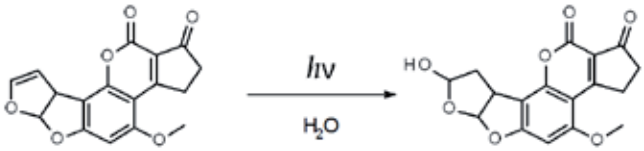

Figure 1. *Derivatization of Aflatoxin B1 to Aflatoxin B2a with RDU™.*

CUSTOMER BENEFITS

- Easy to operate
- RDU™ needs no chemicals
- RDU™ increases lifetime of your HPLC System (no aggressive acid in the capillaries)
- No flushing necessary
- Performance is equivalent to the electrochemical device (bromination)

Ordering Information

Product	Description	Item Number
RDU™	Romer Labs Derivatization Unit	EQOLE1480

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PI_Derivatization Unit-RDU_EN_1115_LKU

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