Available online at www.sciencedirect.com
SCIENCE DIRECT®
Journal of Chromatography B, 824 (2005) 348–350
JOURNAL OF CHROMATOGRAPHY B
www.elsevier.com/locate/chromb

Erratum

Erratum to "Interference free and simplified liquid chromatography-based determination of thiopurine *S*-methyltransferase activity in erythrocytes" [J. Chromatogr. B 821 (1) (2005) 105–111]

Maurice N. Khalil *

Department of Paediatric Haematology and Oncology, Universitäetsklinikum Hamburg-Eppendorf, Martinistraße 52, Hamburg 20246, Germany

Received 6 June 2005; accepted 21 June 2005
Available online 9 August 2005

The Publisher regrets that there was an error in Fig. 3 and legend to Fig. 2.
Please find the amendments on the following pages.
The Publisher apologises for the error.

DOI of original article:10.1016/j.jchromb.2005.04.028.
* Tel.: +49 89 59918899/+49 172 4624424.
E-mail address: Khalil@uke.uni-hamburg.de.

1570-0232/$ – see front matter
doi:10.1016/j.jchromb.2005.06.046

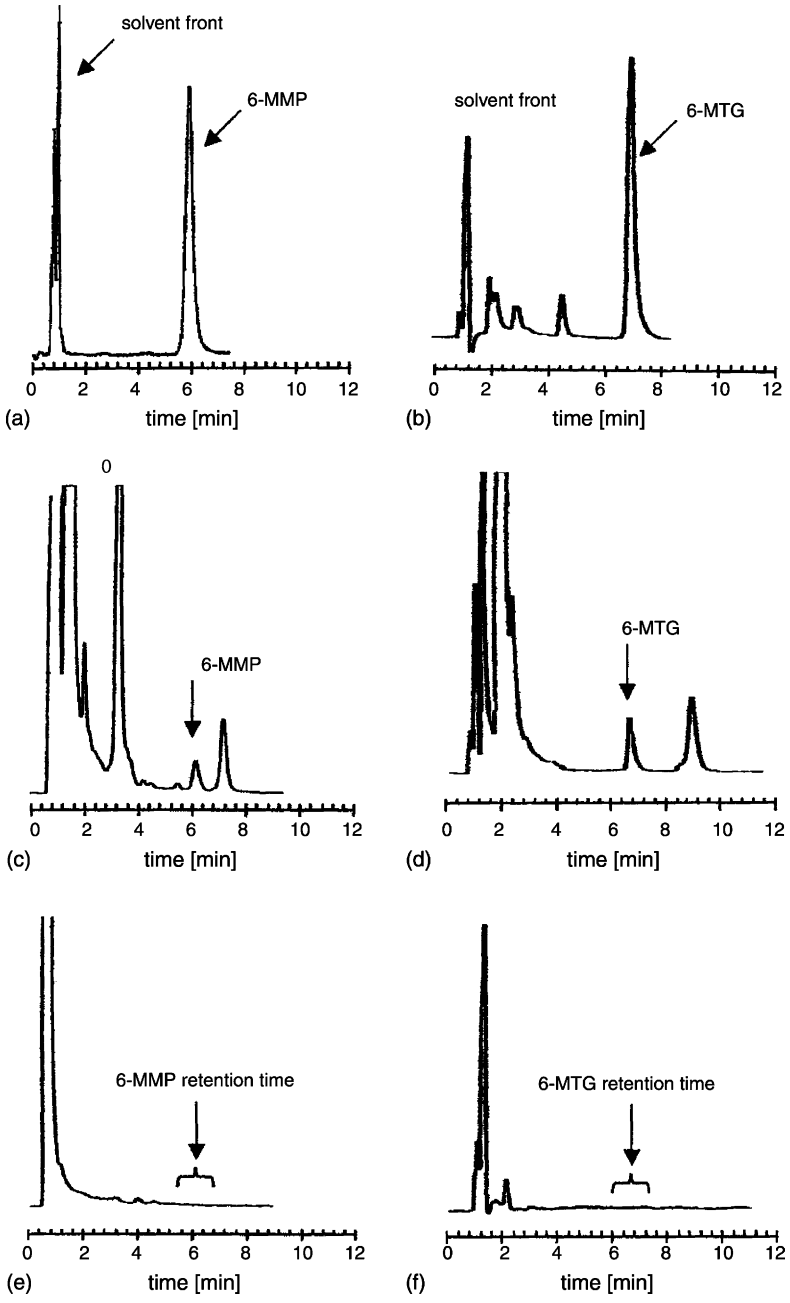

Fig. 2. Chromatographic separation of 6-MMP (a, c) and 6-MTG (b, d). (c and d): perchloric extract of two different representative erythrocyte lysate samples, incubated with 6-MP (c) or 6-TG (d) and SAM for 1 h at 37 °C; substrate- and co-substrate are eluted within 2 min and cannot be determined under these conditions; (e, f): corresponding blank; perchloric extract of a blank lysate (without substrate-/co-substrate) after incubation for 1 h at 37 °C. Chromatographic conditions: Nucleosil 120-3, C18, 70 mm × 3 mm with guard cartridge. The injection volume was 25 μl and the flow rate adjusted to 0.5 ml/min. The mobile phase consisted of 0.1 M phosphate buffer pH 2.7 acetonitrile (separation of 6-MMP) and 3.5% (separation of 6-MTG), respectively. 6-MMP was measured at wavelength of 290 nm and 6-MTG at 315, respectively. (a and b): Calibration standards of 6-MMP (a: 3.0 μM) and 6-MTG (b: 5.5 μM) in assay buffer supplemented by $HClO_4$ (0.5 μM). The retention time was 6.0 min, the total run time 8.0 min for 6-MMP, and 7.3 and 11.0 min for 6-MTG, respectively.

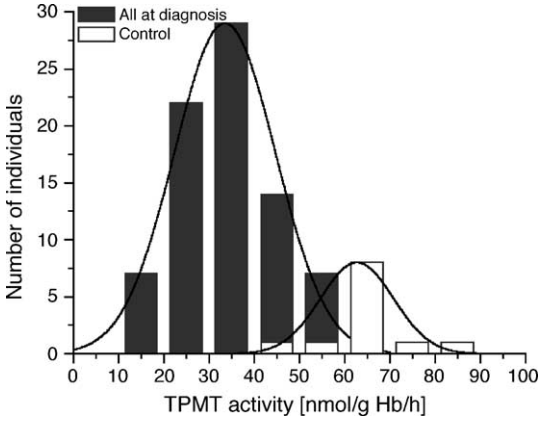

Fig. 3. TPMT activity in erythrocytes. Distribution of TPMT activity in 74 individuals, 64 children with ALL at diagnosis before onset of therapy and 12 healthy adult volunteers.