



May Grunwalds Stain

Kpvpgfgf"Wug<

May Grunwalds Stain is used primarily to stain peripheral blood smears, urine samples, and bone marrow.

Eq o rqukvkqp , ,

kpi tgfkgpvu

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Directions

Qs s cmppe g mn po s t gs tm e oe ses

3 s u ui es e cmppe g mn x ui n ui opm gps n o u t

u o tm e t x ui s ox me tu o tpm u po gps n o u t pu u o o u n n w s e oe o po dpod ous u p
pg tu o e u sn o p u n m tu o o u n x ui us m tm e c gps spd e o

ee r m np ou pg e tu mm ex u s u mu up n y oe tu o n o u

Qp s pgg gm e oe x uip u x ti o ee cp u esp t pg gs tim c gg s e m u e nt tu o gps n o u t n
s r s e w s t x ui ui pg g mn pg tu o oe ui l oe pg s tu ps ot ot c gg s n c t e gps e m u po

S ot x ui r dl n m u pg e tu mm ex u s

ses ui tn s oe y no oes pm

Principle And Interpretation

s ox me t Cmppe u ot s c t d oe d e d e t xi di oe d n mu m dpmp st xi o m e up d mmt ui opm du
g y u w oe mtp t tpmw ou i g y u w ep t opu mmpx o g sui s di o o ui d mmt oe n l t ui n ei s up ui r
tm e i c t d dpn po ou pg xi u d mmt d up m tn t tu o e c ui d e d e oe ui s e tds c e t pt op i m d ps
d ep i m d i d e d dpn po out o dm t x ui o dm d d e u l cm up s m ti e t pg ui c t d e st oe ui
d mm e c tp i m d i o us m dpn po out pg ui d mm s tu o e c cpui ui e t

V{rg"qh"urgek o gp"

Clinical samples: peripheral blood smears, urine samples, and bone marrow

Urgek o gp"Eqmgevkqp"cpf"Jcpfnkpi

Hqt'enkpkcc'uc o rngu'hqm qy'crrtrqrtkcvg'gejpkswgult'jcpfnkpiürgek o gpu'cu'rgt'guvcdnkujgf"i w kfgnkpgu"3.4+0"

Chvgt"wug."eqpvc o kpcvfg" o cvgtkcnu" o wuv"dg"uvgtknk|gf"d{"cwwqencxkpi"dghqgt"fkuectfkpi0

Warning and Precautions

o W use o tu d t o e ui c c g s o o ui d ou o s s s u du t s u dud ui o
s u du o g ds u du o ends c d c s dud ti i oe o t d n ot oe d u s u oe se
s d u ot t s tu c tie e o tti ec g á i oe o d o dt d not gu e o tn c
s g ss e o oe e t g u e u ti ut

Nk o kvckqpu

- 1) To preserve morphology of cells, films must be fixed without delay and the films should never be left unfixed for more than a few hours.
- 2) Methanol used as fixative should be completely water free. As little as 1% water may affect the appearance of the films and a higher water content causes gross changes.
- 3) The red cells will also be affected by traces of detergent on inadequately washed slides.
- 4) Sometimes when thick films are stained they become overlaid by a residue of stain or spoil by the envelopes of the lysed red cells.

Rgthqt o cpeg"cpf"Gxcnwevkqp

Rgthqt o cegqh"v jg"uvckp"ku"gzrgevfg"y jgp"wgfg"cu"rgt"v jg"fk t gev k qp"v jg"ncdgn"ykvj k p"v jg"gzrkt{"rgtkqfy jgp"uvqtgf"cv"
tgeq o o g p f g f"v g o r g t c w t g l

