



# Calculating a Reticulocyte Index (RI)



Reticulocyte Index  
(RI)

*is the same as*

Reticulocyte  
Production Index  
(RPI)

*is the same as*

Corrected  
Reticulocyte Count  
(CRC)

$$\text{Reticulocyte Index} = \frac{\text{Absolute Reticulocyte Count}}{\text{Maturation Correction}}$$

$$\text{Absolute Reticulocyte Count} = \% \text{ of reticulocytes} \times \frac{\text{Patient's Hct}}{\text{Normal Hct}}$$

Hct (%)	Maturation Correction
36 - 45	1
26 - 35	1.5
16 - 25	2
≤ 15	2.5



RI = 2



Hyperproliferation\*

Hypoproliferation