

Table 1 Cut-offs used for the different indices in this study

Index	Calculation	Cut-off value
Mentzer index	MCV/RBC	13
Green-King formula	$MCV^2 \times RDW / (Hb \times 100)$	65
England-Fraser formula	$MCV - (5 \times Hb) + RBC + 3.4$	0
Shine-Lal formula	$MCV^2 \times MCH / 100$	1530
Srivastava formula	MCH/RBC	4.4
RDW index	$MCV \times RDW / RBC$	220

MCV = mean cell volume; RBC = red blood cell count; Hb = haemoglobin; MCH = mean cell haemoglobin; RDW = red cell distribution width.