INDICATIONS FOR TESTING
Microcytic or normocytic anemia with elevated RDW

ORDER
Ferritin
AND
Iron and Iron Binding Capacity

Low SF
IDA

Nondiagnostic or high SF

Low TIBC
ACD/AI

Normal or high TIBC

Very low transferrin saturation
IDA

Indeterminate transferrin saturation

High transferrin saturation

ACD/AI likely

ORDER
Soluble Transferrin Receptor

Low soluble transferrin receptor
ACD/AI likely

Indeterminate soluble transferrin receptor
Bone marrow biopsy to assess iron stores

High soluble transferrin receptor
IDA

Iron stores absent
IDA

Iron stores present
ACD/AI likely

Abbreviations
ACD  Anemia of chronic disease
AI   Anemia of inflammation
IDA  Iron deficiency anemia
RDW  Red blood cell distribution width
SF   Serum ferritin
TIBC Total iron binding capacity