



2012
Description and Diagnosis Codes

Morphology
Malaria
Haemoglobinopathy

2012

Morphology Description and Diagnosis Codes

Use the codes in this section **ONLY** for Haematology QAP Morphology

IMPORTANT INFORMATION FOR 2012

1. Please discard all previous versions of the Morphology description and diagnosis codes. OLD CODE LISTS ARE NO LONGER VALID. The code list has been revised by the Morphology referees for 2012 with additions, deletions and rewording. 2012 changes have been highlighted by an asterisk (*) next to the code number and “A” for amended codes and “New” for additional codes. **Using previous versions of the code list may lead to incorrect scoring.**
 2. The codes are designed to cover all necessary descriptive and diagnostic terms. There may be some variation from the terminology used by your laboratory but we ask that you find the most appropriate answer within the codes supplied.
 3. Participants may submit up to 4 descriptive codes for each of white cells, red cells and platelets – participants are not obliged to use all 4 codes for each cell line. In the event of multiple abnormalities only the 4 most **significant** abnormalities should be entered. If more are entered only the first 4 will be recorded.
 4. Participants are required to submit only what they consider the most significant diagnosis even if there is evidence of more than one condition. Additional descriptive codes will cover some previous coexisting diagnoses such as hyposplenism.
 5. Left-shift has been removed. Where relevant, participants should select band forms (205) and/or promyelocytes / metamyelocytes / myelocytes (235).
 6. “Other” codes for description and diagnosis are not an option. If you consider another code should be added to the list please submit your comments o
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IMPORTANT INFORMATION ABOUT CODES AND CAPPING

1. Score Caps are applied to each description group. The maximum score for each cell line is allocated based on responses and significance of features described. They are also applied to discourage over-commenting.
2. In some situations participants may be concerned that one response type will attract a higher score than others. An example of this would be:
 - A case has hyposplenic changes
 - Option 1 – Code 154 – Hyposplenic / asplenic changes
 - Option 2 – list individual features 108 – Howell Jolly bodies, 127 – Target cells etc

In this case a cap would be applied so that whatever option a participant used the total scores would be the same. However it is suggested in the case of hyposplenism that code 154 is used unless it is believed that the individual features are not due to hyposplenism.

- A case has a left shift
 - Option 1 – Code 205 – Band form neutrophils / left shift
 - Option 2 – Code 235 – Metamyelocytes / myelocytes

The choice here may be clear cut depending on the particular case but if the film had band forms as well as metamyelocytes and myelocytes then both codes would be appropriate and the cap would reflect that.

| DESCRIPTIVE Scoring system | | DIAGNOSIS Scoring system | |
|----------------------------|--|--------------------------|--|
| Score | Description | Score | Description |
| 0 | No submission or incorrect feature | 0 | No submission or a diagnosis not consistent with the features present. |
| 1 | Description of minor relevance to the diagnosis but evident on the blood film. | 1 | A diagnosis with minimal consistent features present |
| 2 | A minor feature of the blood film but relevant to the diagnosis. | 2 | A diagnosis indicating recognition of some of the features present. |
| | | 3 | A diagnosis with the majority of the expected features present. |
| 5 | A major diagnostic feature of the blood film. | 4 | Most likely diagnosis(es) based on morphological features. |

RED BLOOD CELL DESCRIPTIONS

| CODE | DESCRIPTION | CODE | DESCRIPTION |
|-------------|---|-------------|---|
| 100 | No morphological red blood cell abnormality | 112 | Microcytes |
| 101 | Acanthocytes | 113 | Microspherocytes |
| 102 | Agglutination | 115 | Nucleated red blood cells |
| 148 | Artefactual change | 151* | Nucleated RBC – megaloblastic / dysplastic ^A |
| 145 | Background staining | 117 | Pappenheimer bodies |
| 121 | Basophilic stippling | 111* | Parasites – malaria ^A |
| 103 | Bite cells | 156* | Parasites – other ^{NEW} |
| 129 | Blister cells | 118 | Pencil cells |
| 104 | Burr cells | 119 | Poikilocytosis (not otherwise coded) |
| 146 | Cryoglobulins | 120 | Polychromasia increased |
| 155* | Crystallised haemoglobin ^{NEW} | 153 | Prickle cells |
| 137 | Dimorphic red blood cells | 122 | Rouleaux |
| 106 | Elliptocytes / ovalocytes | 123 | Sickle cells |
| 107 | Fragmented red blood cells / schistocytes | 124 | Spherocytes |
| 108 | Howell Jolly bodies | 125 | Spur cells |
| 109 | Hypochromia | 126 | Stomatocytes |
| 154 | Hyposplenic / asplenic changes | 152 | Stomato-ovalocytes |
| 147 | Inaccurate red blood cell parameters | 127 | Target cells |
| 149 | Macrocytes oval | 128 | Tear drop poikilocytes |
| 110 | Macrocytes round | | |

WHITE BLOOD CELL DESCRIPTIONS

| CODE | DESCRIPTION | CODE | DESCRIPTION |
|-------------|---|-------------|--|
| 200 | No morphological white blood cell abnormality | 247 | Malarial pigment in leucocytes |
| 255 | Abnormal lymphocytes | 259 | Mast cells |
| 204 | Auer rods | 258 | Monocytopenia |
| 244 | Bacteria or fungi intracellular / extracellular | 220 | Monocytosis |
| 205* | Band form neutrophils ^A | 222 | Neutropenia |
| 206 | Basophilia | 223 | Neutrophilia |
| 207 | Blast cells | 216 | Neutrophils – hypersegmented |
| 210 | Cytoplasmic vacuolation | 217 | Neutrophils – hypogranular / agranular |
| 211 | Döhle bodies | 260* | Neutrophils - hyposegmented ^A |
| 236 | Dysplastic changes | 240 | Neutrophils – other abnormal granulation |
| 212 | Eosinophilia | 232 | Neutrophils – toxic / increased granulation |
| 201 | Eosinophils – abnormal granulation | 248 | Non-haemopoietic cells |
| 245 | Haemophagocytosis | 246 | Other inclusions |
| 214 | Hairy cells | 224 | Pelger-Huet cells |
| 256 | Inaccurate white blood cell count | 225 | Plasma cells |
| 264* | Large granular lymphocytosis ^{NEW} | 226 | Polymphocytes |
| 238 | Lymphocytes - cytoplasmic inclusions | 263* | Promyelocytes - abnormal ^{NEW} |
| 218 | Lymphocytosis | 235* | Promyelocytes / metamyelocytes / myelocytes ^A |
| 253 | Lymphoma cells | 261 | Pseudo Pelger cells |
| 219 | Lymphopenia | 229 | Reactive / atypical lymphocytes |
| 257 | Lymphoplasmacytoid cells | 231 | Smear / smudge cells |

PLATELET DESCRIPTIONS

| CODE | DESCRIPTION | CODE | DESCRIPTION |
|-------------|--|-------------|-------------------------------------|
| 300 | No significant morphological platelet abnormality | 304 | Megakaryocyte cytoplasmic fragments |
| 319 | Abnormally small platelets | 315 | Megakaryocytes |
| 302 | Giant platelets / significant numbers of large platelets | 313 | Micromegakaryocytes |
| 303 | Hypogranular platelets | 320 | Naked megakaryocyte nuclei |
| 309 | Inaccurate platelet count | 301 | Platelet clumps |
| | | 306 | Satellitism |

RED CELL DISORDERS

| CODE | DIAGNOSIS | CODE | DIAGNOSIS |
|-------------|---|-------------|---|
| 500 | Abetalipoproteinaemia | 724 | Haemolytic uraemic syndrome / thrombotic thrombocytopenic purpura |
| 546 | Aplastic anaemia | 681 | Iron deficiency |
| 553 | Autoimmune haemolytic anaemia - warm | 765 | Liver disease |
| 582 | Burns | 599* | Malnourishment ^A |
| 554 | Cold agglutinin disease | 794 | Mechanical / valve haemolysis |
| 616 | Congenital dyserythropoietic anaemia | 570 | Megaloblastic anaemia |
| 619 | Congenital non-spherocytic haemolytic anaem | 796 | Microangiopathic haemolytic anaemia |
| 620 | Congenital sideroblastic anaemia | 742* | Mixed haematinic deficiency ^A |
| 640 | Disseminated intravascular coagulation | 840 | Oxidative hemolysis |
| 691 | G6PD deficiency | 853 | Paroxysmal cold haemoglobinuria |
| 704 | Haemolytic disease of the newborn | 851 | Paroxysmal nocturnal haemoglobinuria |
| 670 | Heavy metal poisoning | 869 | Pure red cell aplasia |
| 713 | HELLP syndrome | 866 | Pyrimidine 5'-nucleotidase deficiency |
| 715 | Hereditary acanthocytosis | 854 | Pyruvate kinase deficiency |
| 716 | Hereditary elliptocytosis / ovalocytosis | 744* | Reactive erythrocytosis ^{NEW} |
| 719 | Hereditary pyropoikilocytosis | 887 | Renal disease |
| 720 | Hereditary spherocytosis | 900* | South-East Asian stomato-ovalocytosis ^A |
| 721 | Hereditary stomatocytosis | 909 | Spur cell anaemia |

HAEMOGLOBINOPATHIES

| CODE | DIAGNOSIS | CODE | DIAGNOSIS |
|-------------|----------------------------------|-------------|---|
| 926 | Haemoglobinopathy / thalassaemia | 711 | Hb SC |
| 928 | Haemoglobin variant – other | 732 | Hb S / beta thalassaemia |
| 708 | Hb Barts / hydrops fetalis | 731 | Hb SS (sickle cell anaemia) |
| 709 | Hb CC | 925 | Thalassaemia intermedia |
| 710 | Hb EE | 927 | Thalassaemia major |
| 700 | Hb H disease | 924* | Thalassaemia minor / trait ^A |

CONGENITAL WHITE CELL DISORDERS

| CODE | DIAGNOSIS | CODE | DIAGNOSIS |
|-------------|-------------------------|-------------|---|
| 524 | Alder-Reilly anomaly | 618 | Other congenital neutrophil abnormality |
| 601 | Chediak-Higashi anomaly | 624* | Metabolic storage disorder ^{NEW} |
| 788 | May-Hegglin anomaly | 852 | Pelger-Huet anomaly |

LYMPHOPROLIFERATIVE NEOPLASMS

| CODE | DIAGNOSIS | CODE | DIAGNOSIS |
|-------------|---|-------------|--|
| 548 | Adult T cell leukaemia / lymphoma | 760* | Large granular lymphocytic leukaemia ^A |
| 870 | B-cell prolymphocytic leukaemia | 769 | Lymphoma |
| 581 | Burkitt lymphoma / leukaemia | 786 | Mantle cell lymphoma |
| 606 | Chronic lymphocytic leukaemia | 855 | Plasma cell leukaemia |
| 608 | Chronic lymphocytic leukaemia - Large cell transformation | 798 | Plasma cell myeloma |
| 684 | Follicular lymphoma | 902 | Sezary syndrome |
| 706 | Hairy cell leukaemia | 908 | Splenic marginal zone lymphoma |
| 707 | Hairy cell leukaemia variant | 932 | T-cell prolymphocytic leukaemia |
| 644 | Large cell lymphoma | 960 | Waldenstrom macroglobulinaemia/ lymphoplasmacytic lymphoma |

MYELOYDYSPLASTIC SYNDROMES

| CODE | DIAGNOSIS | CODE | DIAGNOSIS |
|-------------|---|-------------|--|
| 791 | Myelodysplastic syndrome | 883 | Refractory cytopenia with multilineage dysplasia |
| 880 | Refractory anaemia with excess blasts | 886 | Refractory cytopenia with unilineage dysplasia |
| 881 | Refractory anaemia with ring sideroblasts | | |
| 882* | Refractory anaemia with ring sideroblasts and thrombocytosis ^{NEW} | | |

MYELOPROLIFERATIVE DISORDERS

| CODE | DIAGNOSIS | CODE | DIAGNOSIS |
|-------------|---|-------------|---|
| 549 | Atypical chronic myeloid leukaemia | 792 | Myelodysplastic / myeloproliferative neoplasm, unclassifiable |
| 602 | Chronic eosinophilic leukaemia / hypereosinophilic syndrome | 809 | Myeloid and lymphoid neoplasms with eosinophilia |
| 610 | Chronic myelogenous leukaemia – chronic phase | 803 | Myeloproliferative neoplasm |
| 611 | Chronic myelogenous leukaemia – accelerated phase | 811* | Myeloproliferative neoplasm in accelerated phase ^{NEW} |
| 622 | Chronic myelogenous leukaemia – blast phase | 797 | Myeloproliferative neoplasm in acute leukaemic transformation |
| 612 | Chronic myelomonocytic leukaemia | 808 | Myeloproliferative neoplasm with secondary marrow fibrosis |
| 603 | Chronic neutrophilic leukaemia | 860 | Polycythaemia vera |
| 668 | Essential thrombocythaemia | 801 | Primary myelofibrosis |
| 750 | Juvenile myelomonocytic leukaemia | 910 | Systemic mastocytosis |
| 763 | Leukaemoid reaction | | |
| 787 | Mast cell leukaemia | | |

ACUTE LEUKAEMIAS

| CODE | DIAGNOSIS | CODE | DIAGNOSIS |
|-------------|---|-------------|--|
| 520 | Acute leukaemia | 538 | Acute myelomonocytic leukaemia with abnormal eosinophils |
| 535 | Acute promyelocytic leukaemia | 539 | Acute monoblastic and monocytic leukaemia |
| 536 | Acute promyelocytic leukaemia variant | 542 | Acute erythroid leukaemia |
| 510 | Acute myeloid leukaemia with myelodysplasia-related changes | 543 | Acute megakaryoblastic leukaemia |
| 511 | Acute myeloid leukaemia - therapy related | 574 | Acute basophilic leukaemia |
| 531 | Acute myeloid leukaemia | 522 | Acute panmyelosis with myelofibrosis |
| 532 | Acute myeloid leukaemia with minimal differentiation | 933 | Transient abnormal myelopoiesis related to Down syndrome |
| 533 | Acute myeloid leukaemia without maturation | 810 | Myeloid leukaemia associated with Down syndrome |
| 534 | Acute myeloid leukaemia with maturation | 863 | Lymphoblastic leukaemia / lymphoma |
| 537 | Acute myelomonocytic leukaemia | | |

PLATELET DISORDERS

| CODE | DIAGNOSIS | CODE | DIAGNOSIS |
|-------------|--------------------------------------|-------------|--|
| 583 | Bernard-Soulier syndrome | 867 | Platelet satellitism |
| 623 | Congenital macrothrombocytopenia | 873* | Reactive thrombocytosis ^{NEW} |
| 693 | Gray platelet syndrome | 694 | Wiscott-Aldrich syndrome |
| 727* | Immune thrombocytopenia ^A | | |

INFECTIONS

| CODE | DIAGNOSIS | CODE | DIAGNOSIS |
|-------------|--|-------------|---|
| 571 | Bacterial contamination of sample | 857 | Malaria - Plasmodium malariae |
| 572* | Bacterial sepsis ^{NEW} | 858 | Malaria - Plasmodium ovale |
| 585 | Bartonellosis | 859 | Malaria - Plasmodium vivax |
| 586 | Borrelia infection | 806 | Microfilaria / filariasis |
| 609 | Clostridial sepsis | 807 | Microfilaria – Brugia malayi |
| 685 | Fungal infection | 804 | Microfilaria – Loa Loa |
| 761 | Leishmaniasis | 805 | Microfilaria – Wuchereria bancrofti |
| 785 | Malarial parasites | 741 | Mononucleosis syndrome / infectious mononucleosis |
| 784 | Malaria – mixed infection | 934 | Trypanosomiasis |
| 856 | Malaria – Plasmodium falciparum | | |
| 861* | Malaria – Plasmodium knowlesi ^{NEW} | | |

MISCELLANEOUS

| CODE | DIAGNOSIS | CODE | DIAGNOSIS |
|-------------|-----------------------------|-------------|-------------------------------------|
| 546 | Aplastic anaemia | 824 | No abnormality detected |
| 547 | Artefact / aged specimen | 872 | Pregnancy changes |
| 580 | Bone marrow infiltration | 664 | Reactive eosinophilia |
| 605 | Circulating carcinoma cells | 884 | Reactive lymphocytosis |
| 692 | G-CSF therapy | 891* | Reactive monocytosis ^{NEW} |
| 763 | Leukaemoid reaction | 890 | Reactive neutrophilia |

CODES DELETED 2012

| CODE | DESCRIPTION |
|-------------|---|
| 228 | Promyelocytes – moved into 235 with metamyelocytes and myelocytes |

NOTE: Left-shift has been removed. Where relevant, participants should select band forms (205) and/or promyelocytes / metamyelocytes / myelocytes (235).

| CODE | DIAGNOSIS |
|-------------|--|
| 667 | Erythroblastosis fetalis |
| 820 | T-cell large granulocytic leukaemia/chronic lymphoproliferative disorder of NK cells |

NEW CODES 2012

| CODE | DESCRIPTION |
|-------------|------------------------------|
| 155 | Crystallised haemoglobin |
| 156 | Parasites – other |
| 263 | Promyelocytes – other |
| 264 | Large granular lymphocytosis |

| CODE | DIAGNOSIS |
|-------------|--|
| 744 | Reactive erythrocytosis |
| 624 | Metabolic storage disorder |
| 882 | Refractory anaemia with ring sideroblasts and thrombocytosis |
| 811 | Myeloproliferative neoplasm in accelerated phase |
| 873 | Reactive thrombocytosis |
| 572 | Bacterial sepsis |
| 861 | Malaria – <i>Plasmodium knowlesi</i> |
| 891 | Reactive monocytosis |

2012

Malarial Parasite Description and Diagnosis Codes

Use the codes in this section **ONLY** for Haematology QAP Malaria Parasite

IMPORTANT INFORMATION FOR 2012

1. Please discard all previous versions of the Malarial Parasite description and diagnosis codes. OLD CODE LISTS ARE NO LONGER VALID. The code list has been revised by the Malaria Advisory Committee for 2012 with amendments. 2012 changes have been highlighted by an asterisk (*) next to the code number and “A” for amended codes and “New” for additional codes. **Using previous versions of the code list may lead to incorrect scoring.**
2. The codes are designed to cover all necessary descriptive and diagnostic terms. There may be some variation from the terminology used by your laboratory but we ask that you find the most appropriate answer within the codes supplied.
3. Participants may submit up to 6 descriptive codes – participants are not obliged to use all 6 codes. Only the 6 most **significant** features should be entered. If more are entered only the first 6 will be recorded.
4. “Other” codes for description and diagnosis are not an option. If you consider another code should be added to the list please submit your comments on the “Participant Feedback and Concerns” form for review by the Malarial Parasite Advisory Committee.

| DESCRIPTIVE Scoring system | | DIAGNOSIS Scoring system | |
|----------------------------|--|--------------------------|--|
| Score | Description | Score | Description |
| 0 | No submission or incorrect feature | 0 | No submission or a diagnosis not consistent with the features present. |
| 1 | Description of minor relevance to the diagnosis but evident on the blood film. | 1 | A diagnosis with minimal consistent features present |
| 2 | A minor feature of the blood film but relevant to the diagnosis. | 2 | A diagnosis indicating recognition of some of the features present. |
| | | 3 | A diagnosis with the majority of the expected features present. |
| 5 | A major diagnostic feature of the blood film. | 4 | Actual diagnosis or a diagnosis with similar features. |

Do not hesitate to contact the staff at the Haematology QAP if you have any queries.

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DESCRIPTIVE CODES

| CODE | DIAGNOSIS |
|------|---|
| 101 | Parasitised red cells larger than uninfected cells |
| 102 | Parasitised red cells smaller than uninfected cells |
| 103 | Parasitised decolourised red cells |
| 104 | Parasitised fimbriated red cells |
| 105 | Maurer's dots or clefts |
| 106 | Schuffner's dots |
| 112 | Trophozoites with amoeboid-like morphology |
| 113 | Early trophozoites |
| 114 | Mature trophozoites |
| 115 | Frequent marginal (accolé) forms |
| 116 | Frequent double chromatin dots |
| 117 | Frequent multiple trophozoites infecting red cells |
| 118 | Schizonts |
| 120 | Gametocytes |
| 123 | Crescent shaped gametocytes |
| 124 | Heavy malaria pigment |
| 125 | Fine malaria pigment |
| 126 | No parasites seen |

DIAGNOSIS CODES

| CODE | DIAGNOSIS |
|------|---|
| 400 | No malarial parasites seen |
| 402 | <i>Plasmodium falciparum</i> |
| 403 | <i>Plasmodium ovale</i> |
| 404 | <i>Plasmodium vivax</i> |
| 405 | <i>Plasmodium malariae</i> |
| 445* | <i>Plasmodium knowlesi</i> ^{NEW} |
| 407 | <i>Plasmodium falciparum</i> + <i>Plasmodium ovale</i> |
| 408 | <i>Plasmodium falciparum</i> + <i>Plasmodium vivax</i> |
| 409 | <i>Plasmodium falciparum</i> + <i>Plasmodium malariae</i> |
| 410 | <i>Plasmodium malariae</i> + <i>Plasmodium ovale</i> |
| 411 | <i>Plasmodium malariae</i> + <i>Plasmodium vivax</i> |
| 444 | Other Plasmodium species not listed above |

2012

Haemoglobinopathy Diagnosis Codes

Use the codes in this section **ONLY** for Haematology QAP Haemoglobinopathy

2012 Diagnosis Codes – HAEMOGLOBINOPATHY

| CODE | DESCRIPTION |
|-------------|---|
| AT | Heterozygous Alpha Thalassaemia |
| ABX | Heterozygous Alpha Thalassaemia or Heterozygous Beta Thalassaemia not excluded. |
| ATB | Heterozygous Alpha Thalassaemia or Normal Hb A2 Beta Thalassaemia |
| AC | Alpha Chain Variant |
| | |
| BT | Heterozygous Beta Thalassaemia |
| BTN | Heterozygous Normal Hb A2 Beta Thalassaemia |
| BTA | Heterozygous Beta Thalassaemia. Co-existing Alpha Thalassaemia not excluded. |
| BPD | Heterozygous Beta Thalassaemia trait + Heterozygous Delta Thalassaemia |
| BDB | Compound Heterozygous Beta/Delta Beta Thalassaemia |
| BTI | Heterozygous Beta Thalassaemia + Iron Deficiency |
| HBT | Homozygous Beta Thalassaemia |
| | |
| HC | Heterozygous Hb C |
| HCA | Heterozygous Hb C / Alpha Thalassaemia |
| HCB | Heterozygous Hb C / Beta Thalassaemia |
| HCF | Heterozygous Hb C + Iron Deficiency |
| | |
| HD | Heterozygous Hb D |
| HDA | Heterozygous Hb D / Alpha Thalassaemia |
| HDB | Heterozygous Hb D / Beta Thalassaemia |
| HDF | Heterozygous Hb D + Iron deficiency |
| | |
| HDT | Heterozygous Delta Thalassaemia |
| DB | Heterozygous Delta Beta Thalassaemia |
| HDV | Heterozygous Delta Chain Variant |
| HBD | Homozygous Delta Beta Thalassaemia |
| | |
| HE | Heterozygous Hb E |
| HEA | Heterozygous Hb E / Alpha Thalassaemia |
| HEB | Heterozygous Hb E / Beta Thalassaemia |
| HEH | Heterozygous Hb E / Hb H Disease |
| HEF | Heterozygous Hb E + Iron Deficiency |
| HES | Heterozygous Hb E - Saskatoon |
| HEE | Homozygous Hb E |
| | |
| HP | Heterozygous Hereditary Persistence of Foetal Haemoglobin |
| HPA | Heterozygous Hereditary Persistence of Foetal Haemoglobin / Alpha Thalassaemia |
| HPB | Heterozygous Hereditary Persistence of Foetal Haemoglobin / Beta Thalassaemia |
| FH | Heterozygous Hereditary Persistence of Foetal Haemoglobin + Iron Deficiency |
| | |
| OHV | Heterozygous High Oxygen Affinity Haemoglobin Variant |
| SOH | Suspected High Oxygen Affinity Haemoglobin Variant |
| | |
| HG | Heterozygous Hb G Philadelphia |

2012 Diagnosis Codes – HAEMOGLOBINOPATHY

| CODE | DESCRIPTION |
|-------------|--|
| HH | Hb H Disease |
| | |
| HJ | Heterozygous Hb J |
| JA | Heterozygous Hb J - Alpha chain variant |
| JAA | Heterozygous Hb J - Alpha chain variant / Alpha Thalassaemia |
| JAB | Heterozygous Hb J - Alpha chain variant / Beta Thalassaemia |
| JB | Heterozygous Hb J - Beta chain variant |
| JBA | Heterozygous Hb J - Beta chain variant / Alpha Thalassaemia |
| JBB | Heterozygous Hb J - Beta chain variant / Beta Thalassaemia |
| | |
| HK | Heterozygous Hb Kempsey |
| KD | Heterozygous Hb Kempsey + Delta Variant |
| | |
| Hb Koln | Heterozygous Hb Koln |
| | |
| HL | Heterozygous Hb Lepore |
| | |
| HO | Heterozygous Hb O-Arab |
| | |
| HQ | Heterozygous Hb Q |
| | |
| HS | Heterozygous Hb S |
| SA | Heterozygous Hb S / Alpha Thalassaemia |
| SB | Heterozygous Hb S / Beta Thalassaemia |
| SBT | Heterozygous Hb S / Beta Thalassaemia - post transfusion |
| SFE | Heterozygous Hb S + Iron Deficiency |
| HSC | Hb SC disease |
| SS | Homozygous Hb S |
| SST | Homozygous Hb S - post transfusion |
| SV | Compound Heterozygous Hb S + another Haemoglobin Variant |
| | |
| HSO | Heterozygous Hb Sogn |
| | |
| HV | Heterozygous Haemoglobin Variant |
| | |
| MH | Methaemoglobin |
| | |
| TI | Thalassaemia Intermedia |
| | |
| NO | No haemoglobinopathy detected |
| OT | Other |
| P2 | Peak near P2 window |
| RF | Raised Hb F |
| RFA | Raised Hb F - Alkali denaturation |
| EQ | Hb A2 results equivocal. Heterozygous Beta Thalassaemia cannot be excluded |
| FE | Iron Deficiency |
| | |

2012 Diagnosis Codes – HAEMOGLOBINOPATHY

| CODE | DESCRIPTION |
|-------------|-------------------------|
| IC | Incomplete Diagnosis |
| NC | No conclusion |
| UC | Unacceptable Conclusion |

CODES DELETED 2012

| CODE | DESCRIPTION |
|-------------|---|
| AH | Alpha Thalassaemia + Hereditary Persistence of Foetal Haemoglobin |
| OH | High Oxygen Affinity Haemoglobin |
| TT | Thalassaemia Trait |