**Blood Smear Reading Codes:**

“B” = Blood Cell (non-infected)

“T” = Trophont (*Hematodinium* stage)

“P” = Prespore (*Hematodinium* stage)

|  |  |  |
| --- | --- | --- |
| **Trophont Rating** | **Blood Cell Rating** | **Meaning of Rating** |
| --- | N | Negative for *Hematodinium* |
| TTrace | B5 | A few trophonts |
| T1 | B4 | Up to 10% trophonts |
| T2 | B3 | 10% - 40% trophonts |
| T3 | B2 | 40% - 60% trophonts |
| T4 | B1 | 60% - 90% trophonts |
| T5 | BTrace | Above 90% trophonts |
|  |  |  |
| **Trophont Rating** | **Prespore Rating** | **Meaning of Rating** |
| TTrace | P5 | Prespores with a few trophonts |
| T1 | P4 | 60% - 90% prespores |
| T2 | P3 | 40% - 60% prespores |
| T3 | P2 | 10% - 40% prespores |
| T4 | P1 | Up to 10% prespores |
| T5 | PTrace | Trophonts with a few prespores |

Examples:

A rating of P4 T1 B1 = 60-90% prespores and rest are equal # of trophonts & blood cells.

A rating of T4 B1 Ptrace = 60-90% trophonts, some blood cells and a few prespores.

**Database:**

BC\_POS: 0 = BCS negative, 1 = BCS positive

T\_Rating: Blood cell ratings “B” are not listed, only Trophont “T” and/or Prespore “P”