

These are *general* findings, always discuss with Senior

CSF ANALYSIS

NORMAL

VIRAL

BACTERIAL

SAH

OPENING
PRESSURE
cmH₂O

5-20

NORMAL /
MILDLY
RAISED

> 30

INCREASED
60% cases

CLARITY

CLEAR

CLEAR

CLOUDY

BLOOD
STAINED

RBC

< 5

< 5

< 5

> 5

WBC

< 5

> 5
Mainly
Lymphocytes

> 5
Mainly
Neutrophils

NORMAL /
RAISED

PROTEIN
g/L

< 0.45

< 1

> 1

> 1

GLUCOSE /
CSF RATIO

0.6

> 0.6

< 0.4

0.6

GRAM STAIN

NEGATIVE

NEGATIVE

POSITIVE
60-90%

NEGATIVE

XANTHO
CHROMIA

NEGATIVE

NEGATIVE

NEGATIVE

POSITIVE