
OVERVIEW

- **Secondary Synonym:** IR Lumbar Puncture (what ordering sees)
- **Primary Synonym:** XR Lumbar Puncture (only radiology can see)
 - > This is a new order that will need to be created with details provided below.
- The order requisition prints to **XR Printers**.
 - > Riverside - vmio_sv rad ip xr re
 - > Southside - sl1049_xr_req
 - > Clay - cc1007_svc_xr_req
 - > St Johns - sjc_read_req

ORDER SPECIFICS

- **Order Name:** IR Lumbar Puncture
- **Procedure:** (required drop down list)
 - > LP with fluid labs
 - > LP with pressures only
 - > LP with intrathecal chemo
 - > LP with nucs injection
 - > Myelogram lumbar
 - > Myelogram thoracic
 - > Myelogram cervical
 - > Myelogram cervical/thoracic
 - > Myelogram thoracic/lumbar
 - > Myelogram entire spine
 - > Cisternogram

Text after drop down list:

Ordering provider must order desired fluid labs. Search "CSF fluid Labs" in Cerner.

- **Reason for Exam:** (required drop down list)
 - > Headache
 - > Fever
 - > Altered mental status / encephalopathy
 - > Meningitis/encephalitis
 - > Seizure activity
 - > Weakness/paresthesia/neuropathy
 - > Raised intracranial pressure
 - > Papilledema
 - > Benign intracranial hypertension
 - > Normal pressure hydrocephalus

- > Intracranial hemorrhage
- > Neoplasm
- > Memory loss
- > Spinal stenosis
- > Radiculopathy
- > Post surgical complication
- > Other
- **Priority:** (required drop down list)
 - > Routine (default selection)
 - > Expedite
 - > STAT
- **Transport Mode:** (required drop down list)
 - > Stretcher (default selection)

OTHER ITEMS

- Create order set named "CSF Fluid Labs" with the following labs (✓ indicates default selected).
 - > Existing Cerner order set named "CSF Lab". Maybe you can modify it or use as template.

Routine Labs **First Section**

- ✓ Cell Count CSFluid w/ Diff (Cerebrospinal Fluid, T;N, STAT)
- ✓ CSF Glucose (Cerebrospinal Fluid, T;N, STAT)
- ✓ CSF Protein (Cerebrospinal Fluid, T;N, STAT)
- ✓ Pathology Non-Gyn Request (Cytology Body Fluid) (RT, Cerebrospinal Fluid)

Micro/Infection Labs **Next Section**

- ✓ CSF Culture (Cerebrospinal Fluid, T;N, STAT)
 - Fungal Culture (Cerebrospinal Fluid, T;N, STAT)
 - Acid Fast Bacilli Culture and Smear (Cerebrospinal Fluid, T;N, Routine)
 - CSF VDRL (Cerebrospinal Fluid, T;N, STAT)
 - India Ink on CSF (Cerebrospinal Fluid, T;N, STAT)
 - CSF Cryptococcal Antigen (Cerebrospinal Fluid, T;N, STAT)
 - CSF HSV1/HSV2 Subtype by PCR (Cerebrospinal Fluid, T;N, STAT)
 - Varicella-Zoster Virus by PCR CSF (Cerebrospinal Fluid, T;N, STAT)
 - Cytomegalovirus by Qualitative PCR (Non-Blood) (Cerebrospinal Fluid, T;N, STAT)
 - Enterovirus Detection by RT-PCR (Cerebrospinal Fluid, T;N, STAT)
 - West Nile Virus RNA by RT-PCR (Cerebrospinal Fluid, T;N, STAT)
 - Borrelia burgdorferi (Lyme Disease) Reflexive Panel (Cerebrospinal Fluid, T;N, STAT)

Other Labs **Next Section**

- Albumin Level CSF (Cerebrospinal Fluid, T;N, STAT)
- Myelin Basic Protein CSF (Cerebrospinal Fluid, T;N, Routine)
- Oligoclonal Bands / Multiple Sclerosis Panel (Blood and Cerebrospinal Fluid, T;N, Routine)

Reference Test Miscellaneous - IgG Index (Cerebrospinal Fluid, T;N, Routine)

Reference Test Miscellaneous - IgG Synthase (Blood and Cerebrospinal Fluid, T;N, Routine)

Neuromyelitis Optica APQ4 IgG (NMO) w/ Reflex to Titer (Blood, T;N, Routine)

Angiotensin Converting Enzyme CSF (Cerebrospinal Fluid, T;N, Routine)

14-3-3 Tau/Theta Protein, CSF (Cerebrospinal Fluid, T;N, Routine)

Paraneoplastic Panel (Blood, T;N, Routine)

Cryoglobulin (Blood, T;N, Routine)

Reference Test Miscellaneous - NMDA Antibody IgG Titer (Cerebrospinal Fluid, T;N, Routine)

Reference Test Miscellaneous - Paraneoplastic Ab Qualitative CSF -
Comprehensive for Autoimmune Encephalitis (Cerebrospinal Fluid, T;N, Routine)

Reference Test Miscellaneous - Paraneoplastic Ab Qualitative CSF -
Comprehensive for Paraneoplastic Neuropathy (Cerebrospinal Fluid, T;N, Routine)

Reference Test Miscellaneous - Tau Protein : Amyloid Beta 42 Peptide Ratio
(Cerebrospinal Fluid, T;N, Routine)

Body Fluid Flow Cytometry (RT, Cerebrospinal Fluid)

> Example of the labs divided by section:

Routine	
☐	☒ Cell Count CSFluid w/ Diff
☐	☒ Pathology Non-Gyn Request
☐	☒ Glucose CSF
☐	☒ Protein CSF
☐	☒ Spinal Fluid VDRL
Microbiology	
☐	☒ CSF Culture
☐	☒ Fungal Culture

RELATED CERNER ORDERS TO HIDE FROM EVERYONE INCLUDING RADIOLOGY

- XR Lumbar Puncture Under Fluoro
- XR Chemo into CNS w/ Lumbar Puncture
- IR Chemo into CNS w/Lumbar Puncture
- XR Myelography Entire Spinal Canal
- XR Myelogram Entire Spine
- XR Myelogram Lumbar Spine
- XR Myelography Lumbar
- XR Myelogram Thoracic Spine
- XR Myelography Thoracic
- XR Myelography Cervical
- Myelogram Cervical Spine
- Myelogram Lumbar Spine
- Myelogram Spine Entire
- Myelogram Thoracic Spine

- Cervical Myelogram
- Lumbar Myelogram
- Thoracic Myelogram