

Name	: XXXXXXXXXXXX	Id	: XXXXXXXXXXXX
Age/Gender	: XXXXXXXXXXXX	Ordered On	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXX	Collected On	: XXXXXXXXXXXX
Client	: XXXXXXXXXXXX	Reported On	: XXXXXXXXXXXX
Phone	: XXXXXXXXXXXX		

TEST	RESULT	UNITS	Biological Reference Interval
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ORBITO MYCOPANEL - 1 (1491)

(Method: RT PCR)

MYCOPANEL -1

Specimen	BAL FLUID
PANFUNGAL	NOT DETECTED
ASPERGILLUS FUMIGATUS	NOT DETECTED
ASPERGILLUS FLAVUS	NOT DETECTED
ASPERGILLUS NIGER	NOT DETECTED
MUCORALE	NOT DETECTED
CANDIDA ALBICANS	NOT DETECTED

INTERPRETATION

Aspergillus fumigatus: *Aspergillus fumigatus* is a species of mold that is commonly found in the environment, especially in soil and decaying organic matter. It can cause a range of infections, particularly in people with weakened immune systems, such as those with HIV/AIDS, cancer, or undergoing organ transplantation. *Aspergillus fumigatus* infections can affect different parts of the body, including the lungs, sinuses, and brain. In the lungs, it can cause a condition called invasive pulmonary aspergillosis, which can be life-threatening. In the sinuses, it can cause chronic sinusitis, which can be difficult to treat. In the brain, it can cause a rare but serious condition called cerebral aspergillosis.

Aspergillus niger: *Aspergillus niger* infections can affect different parts of the body, including the lungs, sinuses, and skin. In the lungs, it can cause a condition called invasive pulmonary aspergillosis, which can be life-threatening. In the sinuses, it can cause chronic sinusitis, which can be difficult to treat. In the skin, it can cause a fungal infection called onychomycosis, which affects the nails.

Aspergillus flavus: *Aspergillus flavus* infections can affect different parts of the body, including the lungs, sinuses, and skin. In the lungs, it can cause a condition called invasive pulmonary aspergillosis, which can be life-threatening. In the sinuses, it can cause chronic sinusitis, which can be difficult to treat. In the skin, it can cause a fungal infection called onychomycosis, which affects the nails.

Mucorale: *Mucormycosis* is a life-threatening infection that occurs in immunocompromised patients, diabetic patients with ketoacidosis, and immunocompetent patients after trauma exposure to contaminated soil. About 20 different species from the order mucorale have been shown to be pathogenic for humans. The species that were the most frequent encountered were *Rhizopus spp.*, *Mucor spp.*, *Cunninghamella spp* and *Absidia spp*. The filamentous fungi responsible for these infections belong to the Mucorales order.

Candida albicans: *Candidiasis* is a fungal infection caused by yeasts in the *Candida* genus, most commonly *Candida albicans*. *Candida* yeasts are normally present in small amounts on the skin and in the mouth, digestive tract, and genital area, but under certain conditions, they can grow and cause infections.

--- End of the Report ---

